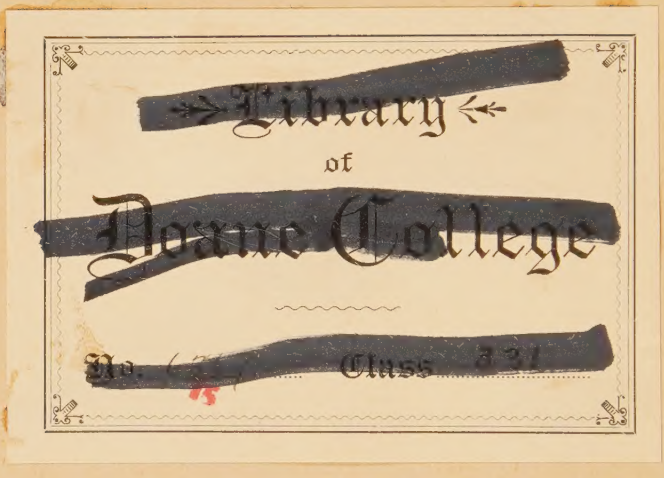
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SEVENTH ANNUAL REPORT

OF THE

COMMISSIONER OF LABOR.

1891.

COST OF PRODUCTION: THE TEXTILES AND GLASS.

VOLUME I.

PART I.—COST OF PRODUCTION.
PART II.—WAGES: TIME AND EARNINGS.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1892.

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MESSAGE OF THE PRESIDENT.

To the Senate and House of Representatives:

I transmit herewith the Seventh Annual Report of the Commissioner of Labor, which report relates to the cost of producing textiles and glass in the United States and in Europe. It also comprehends the wages and the cost of living of persons employed in the textile and glass industries.

BENJ. HARRISON.

EXECUTIVE MANSION,

Washington, D. C., May 11, 1892.

LETTER OF TRANSMITTAL.

DEPARTMENT OF LABOR,
Washington, D. C., April 30, 1892.

SIR: I have the honor to transmit herewith the Seventh Annual Report of the Commissioner of Labor, which report relates to the cost of producing various kinds of textiles and glass in the United States and in Europe. The report also comprehends the earnings and the cost of living of the persons employed in such production.

Following my usual custom, I take great pleasure in acknowledging my indebtedness to Mr. Oren W. Weaver, the chief clerk of the Department, for the services he has rendered it, and I wish also to acknowledge my indebtedness to Messrs. Bernard, Gould, McGhee, Waudby, and Weber, who collected the material relating to the cost of production for Great Britain and the continent of Europe, and to Miss de Graffenried and Messrs. Browning, Buffington, Groves, Ihmsen, Sheridan, Smith, Stewart, Stinson, and Traylor, who collected like material in the United States. The data for the part relating to the cost of living were secured by Messrs. Britton, Carruthers, Ray, and Tucker, and Mrs. Davisson. These agents likewise at times assisted the others already named in various branches of the field work, but especially in that pertaining to copying the payrolls of establishments. In the highest order of statistical work in the office Messrs. Hanger, Boernstein, V. H. Olmsted, and Fessenden, are entitled to recognition, and in proof-reading and general care of the printing Mr. Verrill.

The work performed by the Department of Labor during the year 1891 on this, the Seventh Annual Report constituted but a portion of its labors. It has been engaged, under special provision made by Congress in the appropriation act, in collecting information in this country and in Europe bearing upon the broad subject of industrial education, on which subject a report will be made at the close of the present calendar year. The facts for this report have nearly all been obtained, and will be tabulated and compiled during the coming summer. This work, however, has consumed but a very small portion of the time of the

agents and experts of the Department. The chief service in which the force of the Department has been engaged since the 1st of June last has been the collection of statistics of wages and prices covering a period of fifty-two years—that is, from 1840 to 1891, inclusive—this arduous service having been undertaken in coöperation with the Senate committee on finance. By resolution adopted in the United States Senate, March 3, 1891, the committee on finance was "authorized and directed, by sub-committee or otherwise, to ascertain in every practicable way * * * the effect of the tariff laws upon imports and exports, * * * and upon wages, domestic and foreign." Prior to the adoption of this resolution I had determined upon an investigation which should comprehend the collection of the wages paid to labor in the principal industries and the actual selling prices of the leading articles of consumption for a long period of years, certainly for a period of sufficient length to cover all the later industrial developments of the country. When, therefore, the Senate committee on finance suggested to the Department that, so far as the collection of statistics of wages and prices was authorized under the resolution cited, the force of the Department of Labor should be utilized, I at once accepted the suggestion, because it would bring two forces into coöperation and enable the Department to accomplish much more than it could hope to accomplish without such coöperation. The suggestion of the committee, of course, meant that the financial power of the Department would be increased to such an extent as might be deemed necessary. As a result of this coöperation the force of the Department has been employed most of the time since June 1, 1891, in the collection of—

First. The retail prices at which commodities were sold in seventy different localities in the United States from June 1, 1889, to September 1, 1891, inclusive, a period of twenty-eight months, and also the rates of wages paid in various industries during the same period.

Second. The wholesale prices at which commodities were sold in seven leading distributive centers of the country during the period just named.

Third. The wholesale prices (and, in this instance, largely the manufacturers' agents' prices, where obtainable, but usually the very lowest wholesale prices) of leading commodities from 1840 to 1891, inclusive.

Fourth. The rates of wages paid in leading industries for the same period.

Fifth. The prices paid by various government offices for various articles consumed during the same period. Under the latter division the

Department collected from the books of the quartermaster-general, the commissary-general, and the surgeon-general of the army, of the chief of the bureau of provisions and clothing of the navy department, and of the commissioner of indian affairs, the prices at which various articles used in their several departments had been purchased.

The office has also tabulated the material which it collected for the committee on finance and much of the material which was collected by special experts under the direct employment of the committee.

The committee also secured the coöperation of the department of agriculture in its special field and of gentlemen thoroughly acquainted in various directions with the production and industries of the country.

All this work, so far as the Department of Labor was concerned, has now been completed and the results turned over to the committee on finance; the printing and proof reading even have been nearly finished. When the committee shall have brought together all the parts of the great investigation it undertook to carry out, and all the tables shall have been properly analyzed, I venture to assert that there cannot be found in any other country so voluminous and comprehensive a collection of statistics of wages and prices as that in the final reports of the committee.

The organic law of the Department of Labor provides, as one of the duties of the Commissioner, that he "shall establish a system of reports by which, at intervals of not less than two years, he can report the general condition, so far as production is concerned, of the leading industries of the country." The object of this provision of law was to secure information at brief intervals concerning the volume of production of the country, so that conclusions might be drawn as to whether production was increasing or decreasing, and in either case as to what leading industries were affected. The decennial censuses of industries do not permit satisfactory comparisons. A census may be taken in a very bad industrial year, and the succeeding one in a very prosperous year, or the reverse, in either case the comparison being practically worthless; or the two decennial censuses may occur in two very bad years or two very prosperous years, while the intervening period might show very different results. The framers of the law referred to took this into account, and believed that some system of reports might be invented by which, at short intervals, the total production in leading industries might be known and thus avoid the inadequate comparisons between decennial enumerations. The law of the Department was ap-

proved June 13, 1888. Two years from the organization of the Department brought its experience to the census year 1890. It was not wise, of course, to undertake to establish any system of reports such as that contemplated until the present year 1892, when the census of 1890, so far as industries are concerned, could be taken as a basis. This year, therefore, the Department will organize a method of securing proper information relative to the leading industries of the country which will enable the public to make comparisons as to the movement of production, and in this the superintendent of the census is heartily coöperating with the Department.

During 1891 two important congresses were held in Europe, one at Berne in September, for the discussion of all matters relating to accidents to labor. This Department was invited to participate, and it was ably represented by Dr. E. R. L. Gould, one of the experts of the Department, who was then in Europe. The second congress was that of the International Statistical Institute, held in Vienna in September, and the Commissioner of Labor, a member of that institute, was represented at its sessions by Dr. Gould, who presented in an able address the work of bureaus of statistics of labor in the United States. This institute is giving great encouragement to the collection of industrial statistics in different countries, a feature of statistical work which has been greatly neglected abroad, but which in the United States has been carried to successful results. It is surprising to find how little progress has been made in foreign countries in statistics which may be specifically denominated "statistics of labor." While the scientific use of statistics has been fully recognized abroad, and foreign countries have produced the ablest and most thoroughly trained statisticians of the age, yet, on account of general conditions, they have not been able, under governmental direction or sanction, to do very much in the way of industrial statistics. It is very natural that in the United States this class of statistical work should have proceeded along broader lines. It is therefore peculiarly gratifying to find that the International Statistical Institute, at its session in Vienna, through a series of resolutions reported from the committee on labor by Dr. Böhmert, a distinguished statistician, recognized the necessity of collecting trustworthy statistics of wages. The resolutions adopted as translated, are as follows:

The International Institute of Statistics, on the report of the committee of labor, recognizing the ever-increasing necessity for good statistics of wages—

I. Is of the opinion—

(*a*) That, for the establishment of such results it is not sufficient to obtain average wages only, but that the actual wages paid to each laborer should be ascertained.

(*b*) That we must not content ourselves with a knowledge of daily or weekly wages, but must obtain returns showing annual earnings (or amounts earned during a season for professions and industries where the labor is intermittent), with the number of hours of labor per day and number of working days per year.

(*c*) That it is necessary, furthermore, to take into account the various modes of payment of wages with all attending circumstances.

II. The Institute recommends the undertaking or the continuance of the collection of such statistics for certain typical establishments, supplemented by family budgets of receipts and expenses, in accordance with methods and plans already approved by authoritative publications, in order to render the results comparable.

III. In the selection of these establishments the Institute recommends that preference be given to those which are administered by or are under the supervision of the state, the provinces, or the communes, and to those private establishments the heads of which wish to aid such investigation and are worthy of confidence.

IV. The Institute recommends that, whenever possible, the workingmen themselves should be made to interest themselves in these statistics, and become associated in a certain measure in the enterprise.

V. The Institute finally expresses the desire—

(*a*) That learned societies proposing the arranging and tabulating of such wage statistics and family budgets should be established and developed in the different countries.

(*b*) That the governments may be willing to create bureaus of labor on the plan of those of the United States in places where these offices do not exist, either by creating distinct bureaus or utilizing the organization of existing bureaus of statistics.

It is very evident that the experience of American statisticians with reference to labor statistics and the influence of the American representatives at the meeting of the Institute prompted the introduction and the unanimous adoption of these resolutions. Foreign governments are now following the example of our American states in establishing bureaus and departments of labor and labor statistics, and it is reasonable to hope that uniform wage statistics will ultimately be recognized not only as desirable but as scientifically essential for just and accurate comparisons. It is recognized by all statisticians that until some common method of presenting wage statistics shall be adopted by the great countries devoted to mechanical enterprises, the exact variation in the earning capacity of the people of such countries cannot well be measured; and this is true also of the important facts relating to the cost of living and to the cost of producing articles that enter into the consumption of the people.

New Zealand has created a bureau of statistics of labor; so also has Sweden, and there is an office in Belgium substantially like our American bureaus. The British government has a labor correspondent attached to the board of trade, who makes a report annually on various topics relating to labor. The French government, however, is the first that has recognized the full value of our American organizations. It has now a bureau of labor (*l'office du travail*) which was established by the law of July 21, 1891. The duties of the French bureau of labor are to collect, prepare, and publish all information relative to labor, but notably on the development of production, the organization and the compensation of labor, its relation to capital, the condition of the working people, and the comparative condition of labor in France and other countries. In this it follows very closely the language of the organic law of this Department. This multiplication of bureaus of labor and kindred offices in foreign countries at the present time is gratifying to those who have so long been engaged in building up the industrial statistics of the United States. It is twenty-two years since the first governmental attempt was made in this country to collect and classify industrial statistics systematically. Now, in addition to the United States Department of Labor, there are 28 state bureaus in existence. The addition of foreign offices of like character will result in constituting a chain of offices through the services of which there will be adopted uniform methods for the collection and presentation of the most valuable information relating to the condition and prosperity of the workers of the world.

I am, very respectfully, your obedient servant,

CARROLL D. WRIGHT,
Commissioner.

The PRESIDENT.

INTRODUCTION.

INTRODUCTION.

The Sixth Annual Report comprehended the results of an investigation, so far as iron, steel, bituminous coal, coke, iron ore, and limestone were concerned, carried on under a provision contained in the act of Congress approved June 13, 1888, entitled "An act to establish a Department of Labor," which act is the organic law of the Department. The present report, the Seventh, comprehends further results under the same investigation, which results relate to the textiles and glass.

The provision of law referred to made it incumbent upon the Commissioner of Labor, in accordance with the general design and duties of the act, to ascertain the cost of producing articles, dutiable in the United States, in leading countries where such articles are produced, showing the different elements of cost or approximate cost, and to ascertain the wages paid in the industries involved, the comparative cost of living, the kind of living, etc. The plans adopted for carrying out this provision of law were fully outlined in the introduction to the Sixth Annual Report, and need not be repeated here beyond a statement of the general features necessary for a comprehensive understanding of the present work. It was found upon careful study that but few industries could be brought under investigation in the lines specified in the law, the most practicable work being limited to iron and steel and the materials of which iron is made, the textiles, and glass. This limited list resulted from the difficulty in securing the cost of production except in cases where clearly defined units could be selected. An establishment making a multitude of things out of the same raw material and carrying the processes along on a general basis could not be utilized in ascertaining clearly and definitely all the elements of the cost of producing any one of the articles produced, and even in the industries just specified very great difficulties in this direction were experienced. On the whole, however, the two reports of the Department relating to the cost of production, the Sixth and the Seventh, embrace articles selected from industries which play an important part in the import duties of the country. The imports under the industries named yield more than 60 per cent. of the revenue from imports. It has not been deemed wise, therefore, to carry the investigation relating to the cost of production to any greater extent than that indicated by these two reports.

The facts constituting the basis of this and the preceding report have been collected on uniform schedules formulated on the advice of practical manufacturers and experts in particular lines. The investigation very naturally assumed three great features, the first relating to the cost of production of the articles selected, which, as already stated, must be articles having definite and equal units, such as a ton of Bessemer pig iron or a yard of standard sheeting, rather than a composite article like a steam engine or a mowing machine; this information was obtained directly from the accounts of the establishments. The second feature related to the rates of wages, the time, the earnings for a given period, and the efficiency of the labor of the establishments furnishing the information on the cost of production; complete copies of the pay-rolls were made from which this information was tabulated. The third feature of the investigation related to the cost of living, the income and the expenditures of the men employed in the establishments called upon to furnish data relative to the cost of production, wages, etc.; the facts for the third feature were gathered from the men themselves. In a very few cases the cost of living, etc., was obtained from persons employed in other factories than those furnishing the data for cost of production, wages, etc.; these cases were quite exceptional however, and generally this class of facts related to the very workmen employed in the establishments from which cost of production, etc., had been obtained.

One of the great obstacles in the way of an investigation like that under treatment lies in the attitude of manufacturers, who sometimes fear that the giving of the information required, relative to the cost of producing their goods, may result in some harm to their establishments or to the industries in which they are engaged. Notwithstanding this inherent fear or suspicion, very many intelligent and well-informed manufacturers have been willing, for the sake of statistical science and the opportunity to gain knowledge concerning their own industry as carried on in other parts of the world, to give the necessary facts relating to their business. It is a delicate matter to ask a manufacturer for all the facts and figures relating to the cost of producing his goods; but manufacturers, like other people, are becoming familiar with the idea of governmental inquiry into conditions, and are more and more convinced that not only does no harm come from an honest statement of facts sought, but, on the contrary, that great good may be derived from such statements. After the experience of the Department in this particular investigation, and after the results contained in the Sixth Annual Report, on iron and steel, etc., were given to the public, it is very apparent that, could the investigation be made over again, there would be little or no difficulty, either in this or foreign countries, in securing all the information desired. Several very large and influential producers in Europe have assured the Department that after reading its report upon iron and steel they would be glad to furnish

the fullest information, where under the first call of the Department's agents they had declined to furnish the required data. This is exceedingly encouraging, and warrants the officers of the Department in believing fully that each investigation that it makes results in the collection of fuller and more accurate data under succeeding investigations. Could some harmonious action be taken by the Federal Government by which all the information sought for from manufacturers could be obtained uniformly and without conflict, a great point in statistical work would be gained; but with various bureaus and departments calling for the particular information which each specifically wants, manufacturers sometimes get weary in well doing and seriously object to furnishing information. Some plan for harmonious coöperation, to avoid the duplication of effort, seems to be a necessity.

In publishing this report, as in publishing all other reports, the Department declines to give the names of the companies and individuals who have contributed to the value of the investigation. It is to be regretted, of course, that names cannot be given, because the importance of the establishments represented would be of very great influence in securing full confidence in the statements made, and it would be a pleasure to thank the officers aiding the Department for their generous and courteous treatment of its representatives in Europe and America; but in all cases these persons have been assured that the reports should be so made that in no wise could there be an identification of their individual establishments. Numbers, therefore, take the places of the names of establishments.

In securing the information experts and agents were sent directly to the producer. The personal method, that of sending well-informed, well-instructed agents to obtain what is wanted, is the only one that on the whole will secure satisfactory results. The advantage of this method is that a well-informed man on the spot can answer all objections and show clearly all advantages expected from the investigation. An attempt to secure by mail the facts on which this report is based would have been a failure, as it has been with rare exceptions in other cases.

For the purpose of clearness of presentation this report is divided into three parts. Part I relates to the cost of production, Part II to wages, and Part III to the cost of living.

The results of the investigation will be dealt with under the analyses of the tables, bringing out salient points.

In a general way the fullest confidence can be placed in the report; wherever weak the weakness results from the impossibility of securing what was sought.

If the number of establishments involved seems small in any industry it is not the fault of the Department. If the efforts of the officers of the Department to secure information had met with equal success everywhere, there could be no complaint as to the insufficiency of data.

The Department has aimed to make a judicious selection not only as

to representative concerns but as to representative facts; yet it will not be strange if some student finds information lacking on points which to him seem of more than minor importance.

As to the form of presentation of each of the many tables contained in this report, it may be said in advance that the possible needs of all classes of persons who will have occasion to consult them have been carefully considered, and such arrangement finally adopted as seemed best on the whole. It is exceedingly difficult to arrange complicated tables involving many elements so that one can see at a glance all that is intended to be shown by them, and any tables which cover the range of facts involved in those printed in this report must necessarily be studied in order to be understood; so there may be exclusions which some wish to use, inclusions which some will consider superfluous, and an order of grouping which will not emphasize relations which some would desire to have brought out. No claim is made that in devising and presenting nearly 400 original tables, as is the case in this report, nothing has been forgotten or neglected, for such a claim would be absurd. It is claimed, however, that there has been conscientious thought bestowed on all these matters, believing that it is in the aggregation of little perfections that a symmetrical whole is developed.

THE MEANING OF COST OF PRODUCTION.

By cost of production is meant, for the purposes of this report, the expense of production. The term has not been used in any technical sense, although from the facts reported the economic cost of production as indicated by the waste or consumption of material or of time can be ascertained. In arriving at the cost of production all expense for interest, insurance, depreciation of value of plant, as well as charges for freight of product to place of free delivery, have been excluded. The facts upon these points have been collected from manufacturers, whenever they have seen fit to give them, and have been tabulated separately, except freight of product to place of free delivery, which it was impracticable to present on account of the diversity of places to which shipments were made; so that any one who does not agree with the position of the Department can ascertain for himself what the cost of production would be with these excluded elements added. For the purpose of this investigation it has been deemed sufficient to include only those elements of cost which are universal, positive, and absolutely essential, that is, those elements of cost that are common to all producers and which must be borne in order to bring out the completed product. This position was analyzed at length in the introduction of the Sixth Annual Report, and the analysis need not be repeated here; nor need we repeat the statements relating to disturbing elements in the ascertainment of the exact cost of production, for nearly all that was said in the Sixth Annual

Report concerning various influences upon production are equally true when considering the industries covered by this report.

DISTRICTS.

As a further means of preventing identification of establishments, in accordance with our agreement with manufacturers, the names of localities and even of states are omitted in Parts I and II; in Part III the localizing by states seeming so important their names are given, but the connection between this Part and the two others is cut off by the omission of the establishment numbers and the substitution for them of family or budget numbers; so that identification through Part III is equally impossible. For cotton textiles the United States is divided into two districts, the northern district and the southern district, and Europe into two, Great Britain and the continent of Europe. This grouping of the United States by districts has not been deemed advisable, however, except in cotton textiles. In woollen and worsted textiles there was no necessity for any division so far as the United States was concerned, because all the establishments investigated were in the northern states. The distinction, however, between Great Britain and the continent of Europe has been made in all the industries involved.

The whole number of establishments embraced in the cost of production tables given in Part I is 278, distributed as shown in the following table:

ESTABLISHMENTS EMBRACED IN COST OF PRODUCTION TABLES.

Industry.	Establishments.
Cotton textiles	99
Cotton yarns	32
Woollen and worsted textiles	46
Woollen and worsted yarns	7
Linen textiles	4
Silk textiles	4
Window glass	37
Green glass bottles	30
Flint glass bottles	14
Lamp chimneys	5
Total	278

Of the foregoing establishments 49 are in Europe, and they are distributed over the industries as follows: cotton textiles, 15; cotton yarns, 20; woollen and worsted textiles, 6; linen textiles, 4; silk textiles, 2; and green glass bottles, 2. It was impossible to secure information from any establishments in European countries relating to woollen and worsted yarns, window glass, flint glass bottles, and lamp chimneys, so that no comparisons can be made for these.

PART I.

COST OF PRODUCTION:

Cotton Textiles.
Cotton Yarns.
Woollen and Worsted Textiles.
Woollen and Worsted Yarns.
Linen Textiles.
Silk Textiles.
Window Glass.
Green Glass Bottles.
Flint Glass Bottles.
Lamp Chimneys.

COST OF PRODUCTION.

GENERAL TABLES.

The general tables relating to the cost of production of textiles and glass, and which constitute the bases of the analyses contained in Part I, are numbered from I to X, inclusive. They cover 278 establishments, and are respectively for the cost of production of cotton textiles, of cotton yarns, of woollen and worsted textiles, of woollen and worsted yarns, of linen textiles, of silk textiles, of window glass, of green glass bottles, of flint glass bottles, and of lamp chimneys, in various establishments in various states. For each general table numbered in Roman there are numerous sub-tables designated by capital letters. The establishments comprehended under each table are numbered separately; that is to say, the cotton textiles tables have their own series of numbers, ranging from 1 to 76, the cotton yarns establishments another series, and so on for each industry. An establishment number, therefore, under any industry has no relation to the same number under another industry.

It has been quite difficult, from a statistical point of view, to present the tables in such a way that all their features might be easily used. The basis of presentation finally adopted is that of kind of product, all the establishments for one particular kind of product within an industry being presented *seriatim;* as, for instance, in the cotton textiles all the drillings are grouped together, beginning with the narrowest and ending with the widest. Other methods of presentation were carefully considered, but this on the whole seemed to have less objections than any other form. In some respects it might have been more convenient to bring all the establishments for a specified district together without regard to the kind of product, but it is evident that this method, while having some advantages, would have created much more confusion than that adopted. By notes accompanying each presentation or table and by the text it is felt that their various elements, complicated and analytical in themselves as they are, have been presented in the clearest manner possible under the circumstances. The industries are taken up one at a time and in the order named, and all the appropriate analytical tables and text discussion belonging to each immediately precede it. This method is somewhat different from that generally adopted where great tables are the result of an investigation, in which case they are usually given collectively at the close of the report, the analysis preceding them.

It will be a matter of surprise and disappointment to some who have not before considered the subject to find that it is impossible to make exact comparison of the cost of production between two or more woollen textile establishments. The trouble, it will be seen, is because each one makes a really different article, and the difference inheres in many elements of labor and material. Especially is this disappointment experienced in any attempt to compare the labor cost of putting materials together after their assemblage for the production of finished goods. The Department has been able to secure the items of cost, and the tables are practically the analysis of all the elements of cost in any stated unit of production. In the Sixth Annual Report, relating to iron and cognate industries, it was possible to make direct and specific comparisons, because the composition of the things produced was practically the same, whether the thing produced came from one establishment or another, or from this or from some other country. Pig iron has its constituent elements that are practically uniform in character; but no such attempt to make comparisons between different kinds of textile goods has as yet met with success. Some of the most expert superintendents of textiles factories in this country have stated that they have attempted to reduce different grades of goods produced in the mills under their control to a common basis, but without success. In this Department the experts have tested every method that has suggested itself or that has been suggested by others for reducing different grades of goods produced in the same mill or in different mills to a common basis, but have not succeeded. The reasons for what appears to be the impossibility of making such reductions are:

First. The ever varying organization of the goods. Goods of like width may vary in the number of the yarn used, either in the warp or the weft. Goods of like width and having the same number of yarn used in the warp and weft may vary in the number of threads of warp and number of picks of weft per inch, or two pieces of goods having the same name and description may have a like number of threads of warp and number of picks of weft per inch and vary in the number of yarn used for warp or weft. All these variations and the numerous ramifications of variations in the organization of the goods themselves offer sufficient reasons why any attempt to reduce different grades of textile goods to a common basis has failed; but there are still other reasons which, in connection with these, only heighten the difficulty.

Second. Dyeing is sometimes done in the wool before the fibre is spun into yarn, and sometimes in the piece, after the goods are woven. The two methods of dyeing are materially different as to cost, and the difference can not be provided for in any attempt to reduce textiles dyed by both methods to a common basis.

Third. The cost of weaving various materials in different goods and the variation in cost is due not only to the difference in organization (that is, the number of threads or picks of warp yarn or weft yarn per

square inch, and the fineness or coarseness of yarn used as warp and weft), but also to the different degrees of speed of the looms upon which the textiles are woven, as well as to the particular kind of loom used to weave each variety of cloth, and also to the varying designs or patterns woven in textiles. A piece of plain goods having the same organization in all elements as a piece of goods woven with a pattern could not be compared with the latter on a common basis of cost. These differences in the cost of weaving cannot be harmonized, and further render it impossible to reduce goods of dissimilar texture or design to a common basis of cost.

Fourth. The finishing of woollen textiles is sometimes done at the loom, that is, the goods are practically finished when they leave the loom, and sometimes they are put through various and complicated processes after being woven, for the purpose of finishing. These processes vary materially, both in kind and in the extent to which they are carried, according to the particular kind of finished goods it is desired to produce, and are not dependent upon the organization of the goods, but are separate, independent processes, which affect the final cost of the textile in a manner not proportionate to the other elements of cost. There is no rule by which the different methods and costs of finishing can be brought to a common basis applicable to unlike textiles, and this fact, again, of itself renders it impossible to reduce goods of dissimilar kinds to a common basis of cost.

Were it not for the differences mentioned under the second, third, and fourth reasons, it is conceivable that it might be possible to reduce textiles of dissimilar organization to a common basis by ascertaining the average number of yarn used in each kind of goods and dividing the cost of such goods, exclusive of cost of wool, by the average number, thus reducing the cost of each grade, except cost of wool, to the cost of a single number.

The foregoing reasons, applicable to woollen and worsted textiles, have some, but not full, force when applied to cotton textiles. Difficulties exist even in the latter which prevent any very satisfactory comparisons, although some manufacturers of cotton textiles hold that a reduction to a common basis is possible for all elements of cost per pound, except the cost of cotton, as between cotton goods of the same kind (that is, for instance, between different grades of sheetings or different grades of percales), but that it is not possible to reduce the elements of sheetings and percales to a common basis.

The question might arise, Is it not possible to secure precisely the same organization of goods produced at different establishments? It may be possible to find such uniformity, but it has not been the fortune of the Department to secure it. The most assiduous attempts have been made in this direction, and when the organization of goods in this country had been ascertained, a description of it and a sample of the goods produced were forwarded to the Department's experts in other coun-

tries, that the cost of like goods might be ascertained there; but it seems that either the elements of variation are so many that no two manufacturers hit upon identical ones or else they generally aim to produce goods unlike those made by any other house, in order to secure a special brand which they can advertise as their own.

Just as the agents of the Department were meeting with some success in Europe and with a prospect of securing comparable statements, the excited antagonism of foreign producers against pending tariff legislation in this country quite completely precluded the possibility of success so far as textiles were concerned; but even without such antagonism it is doubtful whether the inherent difficulties that have been outlined could have been overcome. They might have been in some instances.

In the tables on textiles the actual cost per yard of each element of cost and the percentage which each element of cost bears to the total cost are stated, and all the elements for comparison of different kinds are also given; but to be able to say that the percentage of cost in a yard of a particular kind of goods is so much in this country and so much in Great Britain is quite impossible, for the reasons stated. Another element of confusion arises from the fact that in Great Britain and on the continent the yarn used in the production of textiles is often produced in an establishment other than the one which completes the goods; so the cost of spinning in such cases is either absent or greatly reduced, but the statement in each case is correct, however, and if the cost for spinning in a certain establishment is not given it is because the spinning was done in some other establishment than that investigated. The percentages shown in the tables relating to textiles vary as the costs of the several elements vary with each other and, as each establishment is independent of every other, the percentages of labor and material in one cannot be compared with those of another.

COTTON TEXTILES.

COTTON TEXTILES.

The facts collected by the Department relating to the cost of production of cotton textiles are presented in thirteen sub-tables, the titles of which, indicating the facts covered by each, are as follows:

TABLE I.—*Cost of Production of Cotton Textiles at Various Establishments in Various States.*

A.—Period covered, preparatory operations, etc.
B.—Pertaining to spinners, weavers, etc.
C.—Cotton used and quantity of product.
D.—Cost of materials for the period.
E.—Cost of labor for the period.
F.—General statement of cost for the period.
G.—Additional cost of certain theoretical elements for the period.
H.—Description of goods made.
J.—Spinning and weaving.
K.—Cost of labor in one yard.
L.—Elements of cost in one yard.
M.—Per cent. of each element of cost in one yard.
N.—Additional cost of certain theoretical elements in one yard.

In conformity with the plan of the tables in the Sixth Annual Report of this Department showing cost of production of iron, steel, coal, etc., the tables which follow cover not only the actual cost of production of one yard of each variety of cotton textile concerning which facts are given, but also, as far as possible, the circumstances surrounding its production. In order that the facts relating to entire establishments and those relating to individual products of these establishments may be separately examined and considered, the tables may be divided into two groups, the first group consisting of the sub-tables from A to G, presenting facts and figures relating to entire establishments, and the second group, comprising the sub-tables from H to N, relating to the individual products of the establishments covered by the first seven sub-tables, as well as of a few other establishments, from which the general data as in the sub-tables from A to G were not secured.

In order that the connection between the first and second groups of tables may be followed by the reader, a double series of numbering has been adopted,—the establishments, covered by the first seven sub-tables, being numbered consecutively, as the facts relating to them

have been tabulated, and the products of these establishments being also numbered consecutively in the last six sub-tables, with a new series of numbers.

In sub-table A are shown, in addition to the establishment numbers, the numbers given to the products of each establishment in the last six sub-tables; and in sub-table H, and those that follow, are shown, in addition to the product numbers, the numbers of the establishments in which the various products were manufactured, as given in the first seven sub-tables.

Textiles produced by establishments, concerning which the facts as presented in the first seven sub-tables were not secured, are numbered consecutively in the order in which they occur in the second group, and the establishments in which they were produced are given numbers, beginning with 77 (the last establishment number in the first group being 76) and ending with 99.

It will be understood that the establishment numbers in each of the first seven sub-tables exactly correspond with the numbers in every other table of that group, facts relating to the same establishment being given opposite the same number in each table, so that the reader can easily trace the facts relating to any particular establishment, as presented in the tables of the first group, by simply taking notice of the establishment number. Similarly, the product numbers correspond in the tables of the second group, and the facts relating to any particular product can be followed in the same manner through H to N.

Sub-table A shows the locality of the establishments covered by the tabulation; the period of time, including the terminal dates and days of running time, of each establishment; the kind of power used in running machinery, whether steam or water, or both; the number of operations of picking and of roving; and information as to the kind of carding, whether single or double. Four localities of production are shown, to wit: the northern district of the United States; the southern district of the United States; the continent of Europe; and Great Britain. The prefatory note to this table gives the names of the states included in the different localities.

Sub-table B gives general information concerning spinners and weavers, and shows the number of spindles and looms in operation in each establishment.

Sub-table C shows the quantity of cotton used and quantity of textiles produced, the latter being expressed both in pounds and yards. This table, considered in connection with the period covered, shown in sub-table A, and the number of looms in operation, in sub-table B, gives a clear idea of the capacity and magnitude of the operations of each establishment.

Sub-tables D, E, and F give the total expenditures of the different establishments for materials, labor, and all other items (each class of expenditure being sub-divided, as indicated by the box heads of each

table), except those for insurance, interest, freight of product to place of free delivery, and the depreciation of the value of the plant. The latter items, except freight of product to place of free delivery, are given in sub-table G.

Sub-table H and those succeeding relate entirely to units of production, that is, they deal with single yards of textiles of different kinds and grades, each separate unit being separately considered. The tabulations cover 582 of these units, which have been arranged alphabetically according to their names, all goods of the same name being grouped together. These units are arranged, first, with reference to their width, and second, their weight, the narrowest being placed first, the next wider second, and so on until the widest unit of the name is reached, which is placed last in the group. Where two or more units of the same name are of the same width the lightest is placed first, followed by those which are heavier in regular order as they increase in weight.

Sub-table H, in addition to showing the locality of manufacture, gives full description of each kind of goods, including not only its name, width, and weight, but also its organization (by which is meant the numbers of the yarns used in the warp and in the weft, and the number of picks per square inch of warp and weft), and the estimated per cent. of sizing in each unit.

Sub-table J gives information relating to spinning and weaving, the character of which is sufficiently indicated by the box heads. The production of yarn per spindle and of cloth per loom is given in this table for a uniform day of ten hours, the production in establishments running a different number of hours per day having been reduced to the ten hour basis. For instance, in establishments running twelve hours per day, ten-twelfths of the daily production for each unit made by such establishments are shown.

Sub-table K gives in detail the cost of labor in each yard, and the figures in the total column of this table are carried forward to and constitute the labor column in sub-table L, in which are given the elements of cost in one yard of each variety or grade of goods covered by the tabulation, except the theoretical elements which are given in sub-table N. It will be observed that sub-table H has been reproduced in connection with sub-table L. This has been done for the convenience of the reader, enabling him to connect the cost of production of the various units with their names and descriptions, without being compelled in each case to refer to preceding pages.

Sub-table M, which is based on the one immediately preceding, shows the per cent. which each element of cost is of the total cost, and will be found convenient in comparing the relative cost of different units.

TABLE I.—COST OF PRODUCTION OF COTTON TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES.

[The names of the states are omitted to prevent the identification of individual establishments, but the states covered and the number of establishments for each are as follows: In the northern district of the United States—Connecticut, 2; Maine, 7; Maryland, 4; Massachusetts, 11; New Hampshire, 6; New York, 7; Pennsylvania, 1. In the southern district of the United States—Alabama, 4; Georgia, 5; Kentucky, 1; Louisiana, 1; Mississippi, 3; North Carolina, 7; South Carolina, 3; Tennessee, 4; Virginia, 4. In continental Europe—Germany, 1. In Great Britain, 5. In addition to the above, costs were obtained for certain individual products in twenty-three other establishments (numbered 77 to 99); the states in which these are located are mentioned in the note prefatory to sub-table H, page 36. The present and the six sub-tables which follow (A to G) relate to each establishment as a whole. These establishments are numbered serially, those of the same state being grouped together. For explanation of the product number see the prefatory note to sub-table H, in which and in the sub-tables that follow it becomes the serial number.]

A.—PERIOD COVERED, PREPARATORY OPERATIONS, ETC.

Establishment number.	Product numbers.	Locality.	Period covered.		Steam or water power.	Operations of—		Single or double carding.
			Terminal dates.	Days of running time.		Picking.	Roving.	
1	341, 443, 445.	Northern district, United States.	Jan. 1, 1888, to June 30, 1888	149	Both (a)	3	3	Single.
2	221, 243, 244.	do	Dec. 10, 1888, to June 22, 1889	162	Both (a)	2	3	Single.
3	399	do	Jan. 1, 1889, to July 1, 1889	154	Water (a)	2	3	Double.
4	123, 319, 398, 410, 416.	do	Dec. 3, 1888, to June 1, 1889	153	Water (a)	2	3	Double.
5	274, 395, 396, 414, 559.	do	Oct. 29, 1888, to June 1, 1889	182	Steam	2	3	Double.
6	77, 390, 402, 408, 514, 515, 566.	do	Nov. 26, 1888, to May 25, 1889	153	Water	3	3	Double.
7	442, 447, 450, 527, 545, 563.	do	Dec. 1, 1888, to May 31, 1889	153	Water	2	3	Double.
8	166	do	May 3, 1890, to Nov. 1, 1890	152	Water (a)	3	3	Single.
9	111	do	Nov. 11, 1888, to May 11, 1889	144	Water (a)	2	3	Single.
10	72, 129	do	Jan. 1, 1890, to July 1, 1890	150	Both (a)	2	2	Single.
11	76, 101, 109, 275, 278, 279, 293, 296, 309.	do	Apr. 1, 1889, to Mar. 31, 1890	279	Water (a)	2	2	Single.
12	69, 131, 135, 377.	do	Jan. 1, 1890, to Dec. 31, 1890	255	Water (a)	2	3	Single.
13	11, 132, 134, 138, 190.	do	July 1, 1890, to Dec. 31, 1890	143	Both	2	2	Single.
14	219	do	Jan. 1, 1888, to Dec. 31, 1888	306	Steam	3	3	Single.
15	222	do	Oct. 1, 1887, to Sept. 30, 1888	300	Steam	3	3	Single.
16	223, 276, 277, 281, 294, 305 to 308, 389.	do	Oct. 1, 1888, to Dec. 31, 1888	76	Steam	3	3	Single.
17	224	do	Oct. 1, 1887, to Sept. 30, 1888	300	Steam	3	3	Single.
18	225	do	Jan. 1, 1888, to Dec. 31, 1888	303	Both (a)	3	3	Single.
19	4	do	Jan. 1, 1889, to Mar. 31, 1889	76	Steam	3	4	Double.
20	220	do	Jan. 1, 1887, to Dec. 31, 1887	305	Steam	3	3	Single.
21	316, 328, 348, 352, 368, 384, 388, 391, 400, 413, 422, 426, 429, 432, 437, 446, 449, 452 to 456.	do	Nov. 26, 1888, to May 25, 1889	154	Both	2	3	Double.
22	73, 349, 404, 522, 525.	do	May 1, 1888, to Apr. 30, 1889	306	Both (a)	3	3	Double.
23	74, 302, 329, 378, 497.	do	Nov. 1, 1888, to Apr. 27, 1889	153	Both (a)	2	2	Double.
24	232	do	Nov. 26, 1888, to May 25, 1889	153	Both (a)	3	3	Single.
25	229 to 231, 235, 240.	do	Oct. 27, 1888, to Apr. 27, 1889	153	Both (a)	2	3	Double.
26	238, 444, 448, 451, 528, 529.	do	Oct. 28, 1888, to Apr. 27, 1889	152	Both	2	3	Double.

a The water power is owned by the establishment.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

A.—PERIOD COVERED, PREPARATORY OPERATIONS, ETC.—Continued.

[This and the six sub-tables which follow (A to G) relate to each establishment as a whole. These establishments are numbered serially, those of the same state being grouped together. For explanation of the product number see the prefatory note to sub-table H, in which and in the sub-tables that follow it becomes the serial number.]

Establishment number.	Product numbers.	Locality.	Period covered.		Steam or water power.	Operations of—		Single or double carding.
			Terminal dates.	Days of running time.		Picking.	Roving.	
27	48 to 58, 96, 144 to 161, 263, 303, 350.	Northern district, United States.	Nov. 4, 1888, to Nov. 2, 1889	303	Both(*a*)..	(*b*)	(*c*)	Both.
28	379, 405, 419, 460, 469, 490.	....do	Nov. 4, 1888, to May 4, 1889	153	Both(*a*)..	2	2	Both.
29	228.....	....do	Oct. 1, 1889, to Oct. 31, 1889	24	Water (*a*)	2	3	Double.
30	122, 179, 227, 239, 246, 249, 292.	....do	Dec. 2, 1888, to June 1, 1889	153	Water (*a*)	2	3	Double.
*d*31	217.....	....do	Jan. 1, 1888, to Dec. 31, 1888	303	Water ...	3	2	Double.
*d*32	513.....	....do	Jan. 1, 1888, to Dec. 31, 1888	303	Water ...	3	2	Double.
*d*33	216.....	....do	Jan. 1, 1888, to Dec. 31, 1888	303	Water ...	3	2	Double.
34	226.....	....do	Jan. 1, 1888, to Dec. 31, 1888	305	Steam ...	2	2	Double.
35	386.....	....do	Jan. 1, 1888, to Dec. 31, 1888	275	Steam ...	2	2	Single.
36	403, 412, 417, 423, 427, 430, 433, 439.	....do	Jan. 1, 1888, to Dec. 31, 1888	272	Steam ...	2	3	Double.
37	393, 418, 424, 431, 434, 440. 441.	....do	Jan. 1, 1888, to Dec. 31, 1888	305	Steam ...	2	2	Double.
38	191.....	....do	Jan. 1, 1889, to Dec. 31, 1889	305	Steam ...	3	3	Single.
39	98, 359, 491.	Southern district, United States.	Apr. 2, 1889, to Apr. 1, 1890	302	Steam ...	3	3	Single.
40	102, 330, 355, 465, 483.	....do	Sept. 7, 1890, to Dec. 6, 1890	77	Steam ...	2	2	Single.
41	180, 183, 189.	....do	July 1, 1890, to Dec. 31, 1890	146	Both (*a*) .	3	2	Single.
42	78, 88, 110, 331, 343, 360, 473, 486.	....do	Jan. 1, 1890, to Dec. 31, 1890	280	Steam....	3	2	Single.
43	2.....	....do	Jan. 1, 1889, to June 30, 1889	150	Steam ...	3	3	Single.
44	89, 115, 119, 369, 394.	....do	Oct. 29, 1888, to Apr. 27, 1889	155	Steam ...	3	2	Single.
45	90, 116, 370, 467, 488.	....do	June 16, 1888, to June 15, 1889	216	Water ...	2	2	Single.
46	82, 317, 326, 332, 580, 474, 479, 499, 500, 502.	....do	Sept. 5, 1887, to Sept. 1, 1888	308	Water ...	2	2	Single.
47	7, 8, 39, 99, 120, 121, 124, 125, 133, 136, 140, 142, 143, 207, 213, 234, 357, 364, 401, 406, 420.	....do	Oct. 1, 1887, to Sept. 8, 1888	289	Water ...	2	2	Single.
48	283, 315, 333.	....do	Dec. 1, 1889, to Nov. 30, 1890	298	Steam ...	3	3	Double.

a The water power is owned by the establishment.
b American, 2; English, 3.
c Not reported.
d Establishments numbered 31, 32, and 33 are operated by the same company.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

A.—PERIOD COVERED, PREPARATORY OPERATIONS, ETC.—Continued.

[This and the six sub-tables which follow (A to G) relate to each establishment as a whole. These establishments are numbered serially, those of the same state being grouped together. For explanation of the product number see the prefatory note to sub-table H, in which and in the sub-tables that follow it becomes the serial number.]

Establishment number.	Product numbers.	Locality.	Period covered.		Steam or water power.	Operations of—		Single or double carding.
			Terminal dates.	Days of running time.		Picking.	Roving.	
49	46, 47, 81, 91, 95, 113, 137, 186, 310, 311, 313, 321, 325, 334, 335, 342, 371, 387, 475, 480, 487.	Southern district, United States.	Jan. 1, 1890, to June 30, 1890	152	Steam ...	3	3	Single.
50	63, 86, 345, 353, 476, 481.	....do	Dec. 1, 1889, to Nov. 30, 1890	281	Steam ...	2	2	Single.
51	85, 336, 477, 496, 498, 501.	....do	May 18, 1889, to May 17, 1890	309	Steam ...	2	1	Single.
52	106, 181, 182, 184, 185, 187, 356, 372, 492 to 494.	....do	May 1, 1889, to Apr. 30, 1890	282	Steam ...	2	2	Single.
53	215.....	....do	Jan. 1, 1890, to Dec. 31, 1890	300	Steam ...	1	2	Single.
54	346, 351, 392, 397, 407, 409, 411.	....do	Feb. 1, 1891, to Feb. 28, 1891	24	Steam ...	2	2	Single.
55	214.....	....do	Jan. 1, 1889, to Dec. 31, 1889	a 312	Steam ...	2	2	Single.
56	205.....	....do	Jan. 1, 1890, to Dec. 31, 1890	302	Steam ...	.....	.....	.....
57	6, 42, 314.....	....do	Jan. 1, 1890, to Dec. 31, 1890	305	Steam ...	2	3	Single.
58	43.....	....do	Jan. 1, 1890, to Dec. 31, 1890	252	Steam ...	2	3	Single.
59	44.....	....do	Jan. 1, 1890, to June 30, 1890	150	Steam ...	2	3	Single.
60	68, 70, 83, 92, 117, 280, 287, 288, 290, 347, 362, 363, 375.	....do	Jan. 1, 1888, to Dec. 31, 1888	319	Both (b) ..	3	2	Single.
61	65, 79, 100, 118, 289, 358, 366.	....do	Apr. 6, 1889, to June 29, 1889	72	Water (b)	2	2	Single.
62	66, 104, 373, 468, 495.	....do	Jan. 1, 1888, to Dec. 31, 1888	307	Both (b) ..	2	2	Single.
63	61, 62, 87, 291, 361, 374, 381.	....do	Jan. 1, 1890, to Dec. 31, 1890	292	Steam ...	3	1	Single.
64	10, 45, 75, 204, 206, 312, 324, 337, 351.	....do	May 1, 1889, to Apr. 30, 1890	310	Steam ...	2	3	Single.
c 65	71, 84, 94, 282, 285, 298, 299, 320, 338, 367, 382, 461, 462, 484, 485.	....do	Oct. 1, 1888, to Sept. 30, 1889	307	Steam ...	3	3	Single.
c 66	162, 167, 175 to 177, 188, 203, 209, 211, 212, 300, 301, 322, 323, 470, 471, 533, 538 to 541.	....do	Oct. 1, 1888, to Sept. 30, 1889	308	Steam ...	3	3	Single.

a Including night work.
b The water power is owned by the establishment.
c Establishments numbered 65 and 66 are operated by the same company.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

A.—PERIOD COVERED, PREPARATORY OPERATIONS, ETC.—Concluded.

[This and the six sub-tables which follow (A to G) relate to each establishment as a whole. These establishments are numbered serially, those of the same state being grouped together. For explanation of the product number see the prefatory note to sub-table H, in which and in the sub-tables that follow it becomes the serial number.]

Establishment number.	Product numbers.	Locality.	Period covered.		Steam or water power.	Operations of—		Single or double carding.
			Terminal dates.	Days of running time.		Picking.	Roving.	
67	9, 67, 210, 365.	Southern district, United States.	Oct. 1, 1887, to Sept. 30, 1888	309	Water (a)	2	2	Single.
68	1, 236, 295, 304, 339, 464.	....do	July 1, 1888, to June 30, 1889	285	Water ...	2	2	Single.
69	80, 327, 340, 344, 463, 478, 482.	....do	Jan. 1, 1888, to Dec. 31, 1888	302	Water ...	2	2	Single.
70	64, 97, 112, 126 to 128, 130, 139, 141, 376, 383, 385.	....do	Apr. 1, 1888, to Mar. 31, 1889	300	Both (a) .	3	2	Single.
71	233, 242, 245.	Continent of Europe.	Jan. 1, 1887, to Dec. 31, 1887	303	Both (a) .	.....	.....	.....
72	237, 521, 523.	Great Britain	Oct. 1, 1888, to Dec. 31, 1888	78	Steam ...	.....	.....	.....
73	530.....	....do	Jan. 1, 1889, to June 30, 1889	150	Steam ...	.....	.....	.....
74	531.....	....do	Apr. 1, 1889, to June 29, 1889	75	Steam ...	.....	.....	.....
75	519.....	....do	Jan. 1, 1889, to Mar. 31, 1889	73	Steam ...	1	3	Single.
76	60, 247, 534, 535.	....do	May 27, 1889, to June 1, 1889	6	Steam ...	.....	.....	.....

a The water power is owned by the establishment.

TABLE 1.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

B.—PERTAINING TO SPINNERS, WEAVERS, ETC.

[Establishments numbered 1 to 38 are in the northern district of the United States, those numbered 39 to 71 are in the southern district of the United States, that numbered 72 is in the extreme south, and those numbered 72 to 76 are in Great Britain.]

Establishment number.	Mule spinners—				Spindles.		Weavers—			Looms.
	Frame spinners clean, oil, and doff?	Clean, oil, and doff?	Have piecers and back boys.		On frames.	On mules.	Clean and oil?	Have helpers.		
			Yes or no?	Paid by spinners?				Yes or no?	Paid by weavers?	
1	Yes	Yes	Back boys	No	10,144	12,728	Yes	No		358
2	Clean	No	Back boys	No	11,360	8,602	Yes	No		468
3	No	Yes	Back boys	No	9,808	11,968	Yes	No		432
4	Clean	Clean	Back boys	No	26,992	29,066	Yes	No		1,150
5	Yes	Yes	Back boys	No	7,168	8,448	Yes	No		190
6	Clean	Yes	Yes	No	31,680	38,592	Yes	No		1,587
7	Yes	Yes	Back boys	No	27,584	26,656	Yes	No		1,288
8	Yes				19,000		Yes	No		671
9	No				9,000		Yes	No		244
10	Clean				11,500		Clean	No		368
11	Clean				6,680		Clean	No		200
12	Clean				10,000		Clean	No		360
13	Clean				11,000		Clean	No		268
14	Clean	Yes	Back boys	No	28,896	29,592	Yes	No		1,500
15	Clean	No	Yes	No	25,728	62,480	Yes	No		2,156
16	No	No	Back boys	No	20,608	14,400	Yes	No		880
17	No				25,280		Yes	No		926
18	No	Clean	Back boys	No	13,568	13,824	Clean	No		730
19	No	No	Yes	No	48,952	39,488	Clean	No		2,110
20	Clean	Clean	Back boys	No	2,872	34,928	Yes	No		968
21	No	No	Back boys	No	49,984	51,560	Yes	No		2,087
22	No	No	Yes	No	79,728	68,844	No	No		4,015
23	Yes	Yes	Yes	No	35,040	15,240	Yes	No		1,443
24	No	No	Back boys	No	93,780	96,848	Yes	No		4,607
25	Yes	Yes	Back boys	Yes	56,288	52,064	Yes	No		2,592
26	No	No	Yes	No	18,360	20,025	Yes	No		897
27	Yes	(a)	Back boys	No	62,656	33,928	Yes	No		2,508
28	Yes				40,000		Yes	No		1,323
29	Yes	Yes	Yes	In part	9,952	9,544	Yes	No		493
30	Clean	Clean	Back boys	No	27,384	27,566	Yes	No		1,291
31	Assist	Assist	Back boys	No	66,000	75,392	Yes	No		3,431
32	Assist	Assist	Back boys	No	29,920	32,872	Yes	No		1,153
33	Assist	Assist	Back boys	No	32,000	37,696	Yes	No		1,664
34	No	No	Yes	No	12,288	13,248	No	No		664
35	No	No	Yes	No	6,744	5,229	Yes	No		250
36	No	No	Yes	No	9,152	12,096	Yes	No		375
37	No	No	Yes	No	10,856	12,544	Yes	No		497
38	Yes	Yes	Yes	No	13,768	4,362	Yes	No		503
39	Clean				11,848		Clean	No		329
40	Clean				5,000		Clean	No		180
41	Yes				5,152		Yes	No		140
42	Clean				10,392		Yes	No		285
43	No				15,376		Yes	(c)	No	492
44	Clean				11,536		Clean	(c)	No	366
45	Yes				25,727		Yes	No		794
46	Clean				22,481		Yes	No		600
47	Clean				34,788		Yes	No		880
48	Yes	Yes	Yes	No	14,144	10,248	Yes	No		(d)
49	No				35,504		Yes	No		960
50	Clean				11,872		Yes	No		344
51	Clean				6,360		Clean	No		160
52	Clean				7,256		Yes	No		188
53	Clean				2,120		Yes	No		124
54	Clean				8,736		Yes	No		230
55	Clean				5,446		Yes	No		336
56							Yes	No		140
57	Clean				8,956		Yes	No		212
58	Clean				6,240		Yes	No		210
59	Clean				5,882		Clean	No		175
60	No	Yes	No		22,246	10,800	Yes	No		621
61	Yes				12,672		Yes	No		358
62	No				18,128		Yes	No		570
63	Clean				5,312		Yes	No		176

a The mule spinners clean rollers and mule heads and do part of doffing.
b The weavers are assisted by spare hands.
c Some of the weavers have helpers.
d 544 looms were employed during 8 months and 608 looms during 4 months.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

B.—PERTAINING TO SPINNERS, WEAVERS, ETC.—Concluded.

[Establishments numbered 1 to 38 are in the northern district of the United States; those numbered 39 to 70 are in the southern district of the United States; that numbered 71 is on the continent of Europe; and those numbered 72 to 76 are in Great Britain.]

Establishment number.	Mule spinners—				Spindles.		Weavers—			Looms.
	Frame spinners clean, oil and doff?	Clean, oil, and doff?	Have piecers and back boys.		On frames.	On mules.	Clean and oil?	Have helpers.		
			Yes or no?	Paid by spinners?				Yes or no?	Paid by weavers?	
64	Clean...	Clean...	Back boys	No.....	10,160	2,040	Clean.	No..	.....	265
65	Clean...	Clean...	Piecers ...	No.....	8,640	6,320	Yes...	No..	.....	400
66	Yes.....	.....	.....	.....	17,600	.....	Yes...	No..	.....	618
67	Clean...	.....	.....	.....	7,424	.....	Yes...	No..	.....	256
68	No.....	.....	.....	.....	7,200	.....	Yes...	No..	.....	214
69	Clean...	.....	.....	.....	8,688	.....	Clean.	No..	.....	230
70	Clean...	.....	.....	.....	9,184	.....	Yes...	No..	.....	262
71	.....	.....	.....	.....	.....	.....	Clean.	(a)	No.....	750
72	.....	.....	.....	.....	.....	.....	Yes...	(a)	Yes.....	675
73	.....	.....	.....	.....	.....	.....	Yes...	(a)	Yes.....	503
74	.....	.....	.....	.....	.....	.....	Yes...	(a)	Yes.....	475
75	No.....	Yes.....	Yes.....	Yes.....	24,787	24,672	Yes...	(a)	Yes.....	824
76	.....	.....	.....	.....	.....	.....	Yes...	(a)	Yes.....	750

a Some of the weavers have helpers.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

C.—COTTON USED AND QUANTITY OF PRODUCT.

[Establishments numbered 1 to 38 are in the northern district of the United States; those numbered 39 to 70 are in the southern district of the United States; that numbered 71 is on the continent of Europe; and those numbered 72 to 76 are in Great Britain.]

Establishment number.	Cotton used.		Textiles produced.		Per cent. of waste from cotton to finished goods.
	Description.	Pounds.	Pounds.	Yards.	
1	Good and strict good middling	669,145	510,342	1,707,215	18.35
2	Strict middling	506,822	430,357	2,857,319	19.49
3	From strict to good middling	568,946	487,635	1,864,249	15.88
4	Middling, Gulf and Texas	1,184,065	1,021,651	4,004,431	16.35
5	Middling and strict low middling	461,478	*a* 236,699	1,177,432	(*b*)
6	Upland and strict middling	2,210,002	1,796,229	7,266,156	21.19
7	From middling to strict good middling	1,365,475	1,125,722	4,277,919	20.41
8	Middling, strict middling, and Texas	729,440	569,092	3,869,826	(*b*)
9	Strict low middling	420,454	349,475	1,263,721	18.19
10	Middling	1,153,165	1,015,026	(*b*)	14.62
11	Strict low middling	509,028	453,035	2,747,534	12.78
12	Average middling	1,128,492	1,004,358	(*b*)	13.23
13	Middling	1,200,322	1,068,287	1,901,429	13.22
14	Strict low middling	3,444,281	2,884,442	20,575,109	21.62
15	Good, strict low middling, and middling	4,582,863	3,880,371	27,169,170	19.72
16	Strict low middling	533,440	448,400	4,170,120	18.34
17	Middling	2,400,207	2,041,095	14,287,035	19.38
18	Strict low middling	1,470,000	1,235,442	8,648,094	18.25
19	Allen seed	684,601	559,151	2,683,925	19.39
20	Strict middling	2,127,898	1,828,602	12,820,146	18.40
21	From middling to strict middling	3,974,293	*c* 3,276,611	11,237,757	15.53
22	Strict middling	13,898,046	11,714,718	41,670,060	17.40
23	Strict middling	3,130,700	*d* 2,377,556	8,056,000	17.70
24	Strict low middling	3,970,529	3,295,108	23,065,756	18.67
25	Good ordinary and strict low middling	2,756,854	2,309,588	14,882,038	17.48
26	Middling	1,222,020	1,038,789	3,427,185	20.15
27	Middling and strict middling	10,059,978	8,949,271	28,653,819	14.96
28	Middling and low middling	3,794,627	3,312,412	9,613,459	14.17
29	Middling upland	(*b*)	57,957	403,441	15.00
30	Average middling	1,136,684	*e* 785,094	4,304,333	22.58
31	Gulf middling	7,212,531	*f* 5,590,260	45,504,718	21.06
32	Saint Louis middling	2,017,019	1,624,215	8,624,581	21.50
33	New Orleans middling	3,380,838	2,675,262	22,070,911	22.64
34	Low middling	1,258,949	1,028,571	7,200,000	20.10
35	Texas, Arkansas, Mississippi, middling and low middling.	704,702	612,785	3,370,317	15.00
36	Gulf, strict and good middling	1,409,383	*g* 1,106,044	2,206,213	15.94
37	Gulf strict middling	2,298,549	*h* 1,881,456	3,467,772	20.12
38	Strict middling	2,042,855	1,794,581	8,344,800	12.78
39	Good ordinary	1,902,003	1,681,418	5,743,106	17.12
40	Middling	241,652	207,788	760,180	22.61
41	Low middling	(*b*)	*i* 760,675	1,633,019	(*b*)
42	Low middling	(*b*)	784,176	3,744,843	(*b*)
43	American middling	974,218	814,400	4,575,000	19.75
44	Middling and good middling	1,184,124	1,066,377	3,179,796	15.35
45	Strict low middling	3,292,831	3,027,081	9,640,648	13.59
46	Good ordinary, middling, low middling, strict low middling, and strict middling.	3,012,876	2,752,372	11,100,944	13.67
47	Strict middling	5,790,659	*j* 4,860,169	11,954,149	15.56
48	Middling	2,336,511	2,015,785	9,124,578	14.99
49	Fair middling	2,254,654	*k* 1,903,110	7,711,312	16.45
50	Middling	1,319,855	1,125,239	4,467,122	19.93
51	Low middling	(*b*)	445,790	2,076,743	(*b*)
52	Strict low middling	(*b*)	*l* 954,295	2,958,940	(*b*)
53	Middling	410,000	352,600	2,115,600	16.58
54	Good middling	77,246	63,749	244,440	13.67

a In addition, 138,332 pounds of yarn were produced.
b Not reported.
c In addition, 80,395 pounds of yarn were produced.
d In addition, 246,500 pounds of yarn were produced.
e In addition, 102,731 pounds of yarn were produced.
f In addition, 215,000 pounds of yarn were produced.
g In addition, 117,734 pounds of yarn were produced.
h In addition, 13,961 pounds of yarn were produced.
i In addition, 82,153 pounds of rope were produced.
j In addition, 224,137 pounds of yarn were produced.
k In addition, 121,711 pounds of yarn were produced.
l In addition, 41,611 pounds of yarn were produced.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

C.—COTTON USED AND QUANTITY OF PRODUCT—Concluded.

[Establishments numbered 1 to 38 are in the northern district of the United States; those numbered 39 to 70 are in the southern district of the United States; that numbered 71 is on the continent of Europe; and those numbered 72 to 76 are in Great Britain.]

Establishment number.	Cotton used.		Textiles produced.		Per cent. of waste from cotton to finished goods.
	Description.	Pounds.	Pounds.	Yards.	
55	Middling	1,456,936	1,269,822	5,079,288	15.45
56			410,500	2,360,375	*a* 4.81
57	Good middling	657,617	580,202	3,000,962	14.42
58	Middling	486,722	613,713	3,129,936	(*b*)
59	Middling	280 677	244,677	1,223,385	14.13
60	Strict low middling	3,905,380	3,457,889	11,959,181	14.11
61	Middling	576,593	493,998	1,606,453	16.89
62	Strict middling	4,008,360	3,491,474	(*b*)	15.51
63	Strict middling	879,578	753,803	2,267,698	22.87
64	Middling	1,673,964	*c* 888,965	4,800,116	14.96
65	Ordinary and strict middling	(*b*)	1,569,847	5,505,410	(*b*)
66	From ordinary to strict middling	3,927,323	*d* 1,056,243	5,426,806	18.35
67	Middling	1,284,688	1,114,111	4,116,586	15.88
68	Strict middling	795,709	689,396	2,951,326	17.69
69	(*b*)	865,936	762,539	3,035,958	15.46
70	(*b*)	1,532,373	1,291,308	3,350,613	19.94
71			(*b*)	(*b*)	(*b*)
72			331,760	1,587,300	(*b*)
73			(*b*)	2,850,000	(*b*)
74			371,464	1,698,120	(*b*)
75	Orleans, Brazilian, and bowds	549,295	618,618	2,811,900	(*b*)
76			33,860	112,251	(*b*)

a Waste from yarn to finished product.
b Not reported.
c In addition, 77,950 pounds of batting, 72,749 pounds of yarn, 57,709 pounds of sewing cotton, 223,161 pounds of twine, and 170,938 pounds of rope were produced.
d In addition, 406,600 pounds of yarn, 316,375 pounds of batting, and 590,970 pounds of bags were produced.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

D.—COST OF MATERIALS FOR THE PERIOD.

[Establishments numbered 1 to 38 are in the northern district of the United States; those numbered 39 to 70 are in the southern district of the United States; that numbered 71 is on the continent of Europe; and those numbered 72 to 76 are in Great Britain.]

Establishment number.	Cotton.	Yarn (bought).	Size.	Dye.	Total.	Received for waste sold.	Net cost.
1	$64,143	.....	$1,608	.....	$65,751	$3,513	$62,238
2	54,898	.....	225	.....	55,123	3,679	51,444
3	59,051	.....	661	.....	59,712	2,655	57,057
4	129,128	.....	1,375	.....	130,503	8,265	122,238
5	50,332	.....	450	.....	50,782	3,042	47,740
6	236,413	.....	2,444	.....	238,857	14,004	224,853
7	153,005	.....	1,760	.....	154,765	8,436	146,329
8	80,160	$5,908	(a)	$15,413	101,481	4,829	b 96,652
9	42,351	5,044	224	.....	47,619	1,779	45,840
10	120,045	.....	1,342	.....	121,387	3,126	118,261
11	53,448	.....	600	.....	54,048	1,751	52,297
12	118,492	.....	258	.....	118,750	3,386	115,364
13	123,174	.....	1,250	.....	124,424	3,695	120,729
14	349,641	.....	2,708	.....	352,349	19,441	332,908
15	484,005	.....	3,556	.....	487,561	27,451	460,110
16	55,028	.....	273	.....	55,301	3,301	52,000
17	253,571	.....	1,048	.....	254,619	15,501	239,118
18	154,396	.....	1,050	.....	155,446	9,112	146,334
19	86,023	.....	904	.....	86,927	8,471	78,456
20	204,389	.....	1,399	.....	205,788	11,647	194,141
21	414,915	.....	5,353	.....	420,268	23,925	396,343
22	1,468,280	.....	21,569	.....	1,489,849	64,263	1,425,586
23	336,205	.....	3,642	.....	339,847	19,100	320,747
24	408,964	.....	5,110	.....	414,074	22,155	391,919
25	290,787	.....	1,264	.....	292,051	12,799	279,252
26	130,137	5,815	1,558	.....	137,510	10,591	126,919
27	1,121,751	.....	6,514	.....	1,128,265	28,011	1,100,254
28	396,537	.....	4,889	.....	401,426	8,872	392,554
29	7,316	.....	30	.....	7,346	355	6,991
30	116,258	.....	1,155	.....	117,413	9,696	107,717
31	757,316	.....	2,665	.....	759,981	27,980	732,001
32	227,872	.....	2,295	.....	230,167	6,212	223,955
33	367,294	.....	1,002	.....	368,296	13,576	354,720
34	134,846	.....	1,140	.....	135,986	6,275	129,711
35	71,527	.....	360	.....	71,887	1,500	70,387
36	149,325	.....	2,205	.....	151,530	6,640	144,890
37	242,056	6,545	3,389	.....	251,990	11,830	240,160
38	213,973	2,733	2,878	41,316	260,900	4,592	256,308
39	173,203	.....	1,340	.....	174,543	3,804	170,739
40	21,749	.....	(a)	.....	21,749	854	b 20,895
41	77,534	.....	132	.....	77,666	664	77,002
42	92,685	.....	462	.....	93,147	2,492	90,655
43	97,963	.....	1,000	.....	98,963	1,850	97,113
44	122,707	.....	960	.....	123,667	7,613	116,054
45	319,310	.....	4,020	.....	323,330	7,249	316,081
46	302,130	.....	2,609	.....	304,739	7,118	297,621
47	554,320	.....	5,170	12,747	572,237	17,582	554,655
48	230,854	.....	2,731	.....	233,585	3,427	230,158
49	245,019	.....	2,675	.....	247,694	3,159	244,535
50	136,173	.....	1,092	.....	137,265	4,545	132,720
51	62,087	.....	698	.....	62,785	1,570	61,215
52	121,457	.....	1,010	.....	122,467	2,736	119,731
53	42,230	.....	375	5,651	48,256	1,689	46,567
54	7,493	.....	70	.....	7,563	296	7,267
55	153,328	.....	1,440	25,474	180,242	5,897	174,345
56	.....	64,332	425	5,517	70,274	341	69,933
57	70,365	.....	634	2,701	73,700	3,100	70,600
58	51,106	31,538	720	1,759	85,123	1,500	83,623
59	28,676	.....	250	1,052	29,978	1,200	28,778
60	368,230	.....	2,696	.....	370,926	10,575	360,351
61	59,461	.....	417	.....	59,878	3,770	56,108
62	366,274	.....	2,750	.....	369,024	9,321	359,703
63	98,400	.....	(c)	.....	98,400	2,752	b 95,648
64	165,915	4,779	1,141	7,053	178,888	d 7,498	171,390

a The expenditures for size are inseparably combined with those for other supplies and repairs, see page 32.

b Not including size.

c The expenditures for size are inseparably combined with those for other supplies and repairs, see page 33.

d Including batting to the value of $4.677.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

D.—COST OF MATERIALS FOR THE PERIOD—Concluded.

[Establishments numbered 1 to 38 are in the northern district of the United States; those numbered 39 to 70 are in the southern district of the United States; that numbered 71 is on the continent of Europe; and those numbered 72 to 76 are in Great Britain.]

Establishment number.	Cotton.	Yarn (bought).	Size.	Dye.	Total.	Received for waste sold.	Net cost.
65	$184,479	.....	(a)	.....	$184,479	$3,924	b $180,555
66	263,388	.....	(a)	$17,507	280,895	c 30,098	b 250,797
67	121,389	.....	$1,240	17,462	140,091	3,369	136,722
68	82,776	.....	1,653	.....	84,429	2,791	81,638
69	85,464	.....	558	.....	86,022	2,169	83,853
70	143,982	.....	3,100	.....	147,082	7,116	139,966
71	.....	$528,360	2,618	.....	530,978	1,428	529,550
72	.....	54,274	503	.....	54,777	(d)	e 54,777
73	.....	92,981	4,769	.....	97,750	1,723	96,027
74	.....	f 44,775	1,725	.....	46,500	826	45,674
75	61,021	g 580	2,678	.....	64,279	3,240	61,039
76	.....	6,184	56	2,345	8,585	(d)	e 8,585

a The expenditures for size are inseparably combined with those for other supplies and repairs, see page 33.
b Not including size.
c Including batting to the value of $24,326.
d Not reported.
e Gross cost.
f Including the cost of colored yarn, $8,481.
g Gold and heading yarn.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES.

E.—COST OF LABOR FOR THE PERIOD.

[Establishments numbered 1 to 38 are in the northern district of the United States; those numbered 39 to 70 are in the southern district of the United States; that numbered 71 is on the continent of Europe; and those numbered 72 to 76 are in Great Britain. The figures are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners.]

Establishment number.	Opening, picking, carding, drawing, roving.	Spinning.		Spooling, warping, dressing, drawing-in.	Weaving.	Cloth-room.	All other.	Total.
		Frame.	Mule.					
1	$5,856	$3,201	$4,125	$3,396	$17,847	$1,542	$4,362	$40,329
2	5,827	2,991	3,791	2,730	14,389	662	3,122	33,512
3	5,316	2,961	4,488	3,297	17,025	1,158	3,438	37,683
4	16,015	11,590	7,336	4,837	42,344	2,819	7,757	92,698
5	4,655	2,907	2,963	2,644	11,019	634	3,106	27,928
6	22,224	8,664	11,962	9,629	49,736	4,509	8,934	115,649
7	12,405	6,006	9,224	6,071	42,803	2,347	7,676	86,532
8	5,224	6,363	.....	25,591	49,636	5,160	a 2,484	a 94,498
9	2,744	4,308	.....	1,990	6,898	441	2,029	18,320
10	5,718	5,366	.....	5,871	10,985	1,338	4,960	34,238
11	4,925	5,962	.....	2,007	11,920	640	3,259	28,713
12	5,669	7,826	.....	6,646	18,843	1,595	4,633	45,212
13	5,772	5,779	.....	4,172	10,817	1,157	2,207	29,904
14	29,930	18,859	21,421	20,334	92,454	3,981	12,002	198,981
15	37,160	17,132	36,947	25,966	130,111	4,900	13,258	265,474
16	4,228	3,379	2,665	2,636	14,086	650	2,980	30,615
17	17,028	22,891	.....	12,227	63,334	2,566	6,534	124,490
18	12,747	7,769	8,987	5,773	45,262	1,906	3,478	85,922
19	16,642	7,377	10,401	5,222	52,069	3,532	4,379	99,562
20	16,272	2,188	21,094	12,614	57,569	2,200	6,579	118,516
21	39,880	20,095	12,058	18,456	72,740	(b)	b 17,354	171,583
22	69,595	45,562	54,696	54,755	239,520	20,985	50,544	535,657
23	18,890	17,518	5,070	10,654	41,623	4,953	11,507	110,220
24	37,091	33,921	15,717	24,579	127,772	16,681	63,930	319,691
25	28,350	15,089	18,924	16,130	90,993	3,752	16,970	190,208
26	10,634	6,383	4,756	4,764	39,234	1,183	9,471	76,425
27	66,626	33,109	39,373	34,785	172,207	19,955	40,829	406,884
28	21,852	16,765	.....	10,912	49,089	5,481	12,157	116,256
29	787	486	514	348	2,009	107	370	4,621
30	13,448	8,001	10,271	5,961	44,437	2,919	16,404	101,441
31	53,375	36,714	46,411	34,152	172,555	3,855	11,367	358,429
32	27,723	16,439	17,847	19,729	75,486	2,826	8,425	168,475
33	26,656	18,707	22,991	16,729	82,496	3,122	9,978	180,679
34	13,332	6,400	7,600	6,540	31,600	1,316	6,103	72,891
35	6,547	4,881	4,111	3,685	11,459	726	4,772	36,181
36	13,027	5,435	7,939	6,597	39,090	2,763	9,207	84,058
37	24,863	9,095	9,411	11,979	51,748	3,804	17,164	128 064
38	14,076	21,371	5,179	27,911	74,125	2,547	13,233	158,442
39	9,157	7,718	.....	5,126	22,873	1,764	6,404	53,042
40	1,176	993	.....	616	2,521	208	824	6,338
41	2,910	5,122	.....	610	6,989	474	794	16,899
42	7,284	7,353	.....	1,092	12,687	913	2,823	32,152
43	8,501	8,102	.....	3,052	16,882	750	6,698	43,985
44	5,742	4,692	.....	3,329	12,843	1,212	4,557	32,375
45	18,222	16,372	.....	10,313	32,653	2,735	10,835	91,130
46	17,988	16,624	.....	9,764	35,925	3,083	8,005	91,389
47	23,984	25,545	.....	30,237	65,655	8,873	28,346	182,640
48	14,640	c 15,325	(c)	6,691	33,760	2,379	6,107	78,902
49	17,685	14,640	.....	6,806	30,260	2,199	8,182	79,772
50	7,565	6,942	.....	4,536	18,675	1,315	3,606	42,639
51	4,647	5,457	.....	1,405	10,393	789	1,960	24,651
52	6,166	4,331	.....	3,476	9,528	702	6,417	30,620
53	1,159	1,809	.....	2,362	11,400	520	1,920	19,170
54	439	417	.....	201	1,270	58	171	2,526
55	6,375	4,538	.....	6,646	35,074	1,419	6,313	60,365
56	.....	.....	.....	2,995	12,220	530	1,900	17,645
57	4,792	5,274	.....	2,945	17,889	472	3,299	34,671
58	5,018	3,704	.....	2,210	13,861	376	2,429	27,598
59	2,968	3,290	.....	1,775	8,283	963	2,522	19,801
60	17,732	8,420	6,832	7,854	42,540	3,178	13,223	99,779
61	2,549	2,677	.....	1,780	5,334	463	1,466	14,269
62	12,181	12,107	.....	7,357	30,763	5,900	17,460	85,768
63	2,623	4,736	.....	1,789	9,120	1,168	2,414	21,850
64	10,788	c 12,000	(c)	7,882	22,268	7,070	7,727	67,735

a Not including dye-house labor, the expenditures for which were not reported.
b The expenditures for cloth-room labor are inseparably combined with those for all other labor.
c The expenditures for mule spinning are inseparably combined with those for frame spinning.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

E.—COST OF LABOR FOR THE PERIOD—Concluded.

[Establishments numbered 1 to 38 are in the northern district of the United States; those numbered 39 to 70 are in the southern district of the United States; that numbered 71 is on the continent of Europe; and those numbered 72 to 76 are in Great Britain. The figures are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners.]

Establishment number.	Opening, picking, carding, drawing, roving.	Spinning.		Spooling, warping, dressing, drawing-in.	Weaving.	Cloth-room.	All other.	Total.
		Frame.	Mule.					
65	$11,144	a $13,917	(a)	$7,112	$24,384	$3,334	$13,494	$73,385
66	13,135	14,475	.....	18,316	40,076	3,334	18,213	107,549
67	6,555	8,987	.....	5,542	27,656	2,488	5,809	57,067
68	6,842	5,998	.....	2,078	12,635	1,956	2,273	30,882
69	6,039	5,899	.....	2,476	13,739	972	2,053	31,178
70	8,329	7,607	.....	4,135	15,901	840	4,098	40,910
71	.....	.....	.....	7,616	54,907	1,190	3,499	67,212
72	.....	.....	.....	2,148	9,447	517	497	12,609
73	.....	.....	.....	2,396	16,648	394	394	19,832
74	.....	.....	.....	1,973	9,571	264	139	11,947
75	3,417	2,581	$2,195	4,296	15,204	313	969	28,975
76	.....	.....	.....	477	1,426	46	296	2,245

a The expenditures for mule spinning are inseparably combined with those for frame spinning.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

F.—GENERAL STATEMENT OF COST FOR THE PERIOD.

[Establishments numbered 1 to 38 are in the northern district of the United States; those numbered 39 to 70 are in the southern district of the United States; that numbered 71 is on the continent of Europe; and those numbered 72 to 76 are in Great Britain. Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Establishment number.	Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.
				Fuel and lighting.	Oil.	Other.			
1	$62,238	$40,329	$2,500	$2,509	$435	$4,382	.....	$1,500	$113,893
2	51,444	33,512	1,650	1,533	200	1,098	.....	1,308	90,655
3	57,057	37,683	2,450	1,300	417	2,518	.....	3,250	104,675
4	122,238	92,698	3,150	2,260	600	9,886	.....	3,875	234,707
5	47,740	27,928	1,633	3,850	362	3,399	.....	573	85,985
6	224,853	115,649	7,962	4,342	1,142	18,389	$4,655	9,424	386,416
7	146,329	86,532	6,500	2,753	874	7,049	1,915	6,978	258,930
8	a 96,652	b 94,498	5,200	4,436	(a)	a 3,184	.....	4,055	b 208,025
9	45,840	18,320	1,750	939	105	2,636	.....	719	70,309
10	118,261	34,238	3,250	2,088	244	7,105	.....	577	165,763
11	52,297	28,713	3,800	440	270	2,300	.....	850	88,670
12	115,364	45,212	5,500	397	187	7,080	.....	1,902	175,642
13	120,729	29,904	3,175	5,014	250	5,235	1,250	536	166,093
14	332,908	198,981	8,000	25,184	1,610	19,857	.....	9,824	596,364
15	460,110	265,474	11,500	30,505	2,627	14,991	.....	19,004	804,211
16	52,000	30,615	1,411	3,253	220	2,671	.....	2,000	92,170
17	239,118	124,490	5,100	15,246	1,127	9,244	.....	7,064	401,389
18	146,334	85,922	3,800	10,283	1,163	1,586	.....	5,561	254,649
19	78,456	99,562	4,592	9,372	642	6,736	.....	5,563	204,923
20	194,141	118,516	7,300	12,603	838	10,901	.....	10,063	354,362
21	396,343	171,583	8,930	11,827	700	22,422	2,660	11,456	625,921
22	1,425,586	535,657	12,400	47,816	2,565	25,807	.....	32,585	2,082,416
23	320,747	110,220	3,750	8,294	595	24,340	.....	6,000	473,946
24	391,919	319,691	11,604	31,905	1,215	4,718	.....	11,525	772,577
25	279,252	190,208	5,423	15,316	1,028	32,624	.....	5,723	529,574
26	126,919	76,425	3,195	4,509	573	13,816	1,200	3,071	229,708
27	1,100,254	406,884	14,677	32,270	3,164	85,847	.....	22,185	1,665,281
28	392,554	116,256	7,175	9,428	627	29,732	.....	5,612	561,384
29	6,991	4,621	194	308	32	1,075	.....	127	13,348
30	107,717	101,441	2,400	4,358	427	6,714	.....	2,638	225,695
31	732,001	358,429	13,990	12,249	1,880	34,310	27,400	33,464	1,213,723
32	223,955	168,475	6,704	6,700	687	12,255	18,500	11,328	448,604
33	354,720	180,679	4,700	6,862	912	14,366	12,000	16,307	590,546
34	129,711	72,891	7,000	8,410	693	2,400	.....	3,931	225,036
35	70,387	36,181	1,800	6,750	240	8,084	.....	700	124,142
36	144,890	84,058	4,335	5,786	1,201	6,148	.....	6,003	252,421
37	240,160	128,064	5,000	9,639	1,965	14,357	.....	7,474	406,659
38	256,308	158,442	4,592	9,258	6,263	10,564	.....	887	446,114
39	170,739	53,042	6,600	4,535	430	8,962	.....	2,870	247,178
40	a 20,895	6,338	950	972	(a)	a 1,276	.....	425	30,856
41	77,002	16,899	3,173	1,509	(c)	c 1,980	.....	478	101,041
42	90,655	32,152	4,080	3,101	510	7,651	.....	618	138,167
43	97,113	43,985	6,000	6,700	750	7,091	.....	1,000	162,639
44	116,054	32,375	5,000	4,655	87	4,080	.....	1,300	163,551
45	316,081	91,130	10,600	d 5,116	734	d 20,727	4,152	16,048	464,588
46	297,621	91,389	9,100	3,742	379	9,581	6,650	17,000	435,462
47	554,655	182,640	21,684	5,475	1,590	35,407	6,660	26,545	834,656
48	230,158	78,902	7,377	3,240	1,617	15,921	.....	2,813	340,028
49	244,535	79,772	3,400	12,093	(c)	c 9,782	.....	(e)	349,582
50	132,720	42,639	4,920	4,598	(c)	c 8,446	.....	3,512	196,835
51	61,215	24,651	2,520	2,989	(c)	c 4,193	.....	446	96,014
52	119,731	30,620	6,800	3,310	(c)	c 7,923	.....	695	169,079
53	46,567	19,170	2,000	2,250	150	2,449	.....	500	73,086
54	7,267	2,526	292	450	20	188	.....	45	10,788
55	174,345	60,365	4,750	5,986	540	6,720	.....	809	253,506
56	69,933	17,645	2,400	1,765	100	2,510	.....	424	94,717
57	70,600	34,671	4,500	4,568	270	3,711	.....	453	118,773
58	83,623	27,598	3,500	2,718	300	3,333	.....	643	121,715
59	28,778	19,801	2,066	1,823	147	1,519	.....	636	54,770
60	360,351	99,779	11,433	6,865	1,275	21,113	.....	4,944	505,760

a The expenditures for size and oil are inseparably combined with those for other supplies and repairs.
b Not including dye-house labor, the expenditures for which were not reported.
c The expenditures for oil are inseparably combined with those for other supplies and repairs.
d The expenditures for lighting are inseparably combined with those for other supplies and repairs.
e Exempt from taxes.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

F.—GENERAL STATEMENT OF COST FOR THE PERIOD—Concluded.

[Establishments numbered 1 to 38 are in the northern district of the United States; those numbered 39 to 70 are in the southern district of the United States; that numbered 71 is on the continent of Europe; and those numbered 72 to 76 are in Great Britain. Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Establishment number.	Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.
				Fuel and lighting.	Oil.	Other.			
61	$56,108	$14,269	$1,959	$248	$50	$3,300	.....	$450	$76,384
62	359,703	85,768	8,950	5,625	1,100	23,500	.....	2,968	487,614
63	*a* 95,648	21,850	2,200	1,698	(*a*)	*a* 6,806	.....	716	128,918
64	171,390	67,735	8,080	7,936	462	8,846	.....	4,617	269,066
65	*a* 180,555	73,385	3,788	9,824	(*a*)	*a* 10,865	.....	6,753	285,170
66	*a* 250,797	107,549	7,577	14,927	(*a*)	*a* 15,880	.....	6,753	403,483
67	136,722	57,067	3,000	*b* 300	154	7,314	.....	1,534	206,091
68	81,638	30,882	2,700	854	191	5,270	$2,800	368	124,703
69	83,853	31,178	3,900	1,395	154	6,334	2,000	338	129,152
70	139,966	40,910	4,300	3,143	254	11,329	.....	9,411	209,313
71	529,550	67,212	2,618	5,164	762	8,851	.....	1,142	615,299
72	*c* 54,777	12,609	474	512	102	190	.....	106	*d* 68,770
73	96,027	19,832	555	986	169	1,686	.....	78	119,333
74	45,674	11,947	456	376	43	1,273	.....	432	60,201
75	61,039	28,975	937	2,324	439	2,546	.....	297	96,557
76	*c* 8,585	2,245	31	54	6	708	.....	28	*d* 11,657

a The expenditures for size and oil are inseparably combined with those for other supplies and repairs.
b For lighting only, there being no expenditures for fuel.
c Gross cost of materials, the value of waste not being reported.
d Including value of waste.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

G.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS FOR THE PERIOD.

[Establishments numbered 1 to 38 are in the northern district of the United States; those numbered 39 to 70 are in the southern district of the United States; that numbered 71 is on the continent of Europe; and those numbered 72 to 76 are in Great Britain.]

Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	$1,187			$1,187
2	500			500
3	500	$5,000		5,500
4	950			950
5	525			525
6	2,539			2,539
7	2,050			2,050
8	492	17,090		17,582
9	616			616
10	405			405
11	625			625
12	1,870	8,430		10,300
13	353			353
14	2,667	15,157		17,824
15	4,303	15,658	(a)	b 19,961
16	400			400
17	4,977			4,977
18	924			924
19	2,668			2,668
20	1,741	2,420		4,161
21	1,620	(a)	(a)	c 1,620
22	3,240			3,240
23	979	(a)	(a)	c 979
24	1,628	(a)	(a)	c 1,628
25	2,400		$8,000	10,400
26	1,000	d 992		e 1,992
27	5,344			5,344
28	2,905	3,000	16,562	22,467
29	65			65
30	800	805	9,014	10,619
31	5,752			5,752
32	1,955			1,955
33	2,795			2,795
34	1,075			1,075
35	365			365
36	617	10,776		11,393
37	1,032	5,697		6,729
38	2,021	(a)	(a)	c 2,021
39	2,781	4,718		7,499
40	143	588		731
41	1,394	f 907		f 2,301
42	2,164	3,317		5,481
43	1,875	7,500	12,000	21,375
44	1,250	(a)	(a)	c 1,250
45	5,023	11,487	(a)	b 16,510
46	4,000	33,378	25,000	62,378
47	7,162			7,162
48	4,148	9,092		13,240
49	4,143	10,602		14,745
50	1,141	12,612		13,753
51	1,115	4,206		5,321
52	2,285	2,044		4,329
53	250			250
54	55			55
55	1,600			1,600
56	356			356
57	442			442
58	750			750
59	235			235
60	2,719			2,719
61	767			767
62	3,200			3,200
63	1,563	7,564		9,127
64	2,016	16,900		18,916
65	4,185	17,211		21,396
66	4,135	25,723		29,858
67	1,193			1,193

a Not reported.
b Not including depreciation.
c Not including interest and depreciation.
d Rent.
e Including rent, $992.
f Including rent, $353.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

G.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS FOR THE PERIOD—Concluded.

[Establishments numbered 1 to 38 are in the northern district of the United States; those numbered 39 to 70 are in the southern district of the United States; that numbered 71 is on the continent of Europe; and those numbered 72 to 76 are in Great Britain.]

Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
68	$1,634	$6,000		$7,634
69	2,173			2,173
70	3,536	1,568		5,104
71	666	(a)	(a)	b 666
72	46		(a)	c 46
73	29	d 3,069	$1,095	d 4,193
74	2	591	633	1,226
75	404	3,452	2,433	6,289
76	10			10

a Not reported.
b Not including interest and depreciation.
c Not including depreciation.
d Including rent, $135, and discounts and commissions, not separable, $2,448.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

[The preceding sub-tables (A to G) relate to each establishment as a whole, but this and the following (H to N) relate to individual products of the establishments, those of a like kind being grouped together and numbered serially. The numbers of the establishments to which they refer are shown in the second column. For the establishments numbered 77 to 99 data such as have been given for others in the preceding sub-tables were not obtained. Footnotes show the years in these cases to which the information relates. The states in which these 23 establishments are located and the number in each are as follows: In the northern district of the United States—Connecticut, 1; Massachusetts, 4; Pennsylvania, 5; Rhode Island, 2. In the southern district of the United States—Georgia, 2. In continental Europe—France, 1; Germany, 2. In Great Britain, 6. The cost of production is not invariably shown for all the varieties of goods made by an establishment, but in many cases only for certain selected varieties.]

H.—DESCRIPTION OF GOODS MADE.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
1	68	Southern district, United States.	Bagging	36.00	5.00	16.25	18.25	38	38	5.00
2	43	....do	Bag goods	40.00	3.80	20.00	20.00	48	48	4.00
3	96	Great Britain.	Cambric embroidery (*a*).	45.00	4.89	60.00	80.00	112	112	6.68
4	19	Northern district, United States.	Cambric muslin	40.00	4.80	44.00	62.00	96	104	1.30
5	80	....do	Cashmere (*a*)	40.00	5.12	36.00	50.00	60	108	1.32
6	57	Southern district, United States.	Chambray, dyed	27.00	7.00	30.00	40.00	72	60	3.00
7	47	....do	Checks, dyed	27.00	3.95	16.00	16.00	52	36	4.00
8	47	....do	Checks, dyed	30.00	3.57	16.00	16.00	52	48	4.00
9	67	....do	Cheviot, dyed	27.00	3.45	14.00	14.00	72	40	3.00
10	64	....do	Cheviot, dyed	30.00	4.65	22.00	22.00	58	56	-------
11	13	Northern district, United States.	Cottonade	28.00	2.27	5.00	5.00	64	28	2.50
12	92	Continent of Europe.	Cretonne (*a*)	27.17	3.85	17.00	19.00	62	51	7.40
13	91	....do	Cretonne (*b*)	27.95	6.98	31.00	42.00	62	62	9.48
14	92	....do	Cretonne (*a*)	29.92	3.86	24.00	30.00	102	51	8.39
15	92	....do	Cretonne (*a*)	29.92	3.33	17.00	19.00	62	59	7.06
16	92	....do	Cretonne (*a*)	29.92	2.56	19.00	19.00	111	55	7.54
17	92	....do	Cretonne (*a*)	31.50	3.27	19.00	19.00	62	62	6.40
18	91	....do	Cretonne (*b*)	31.50	3.06	16.00	21.00	62	62	12.21
19	92	....do	Cretonne (*a*)	31.50	3.05	19.00	17.00	62	62	6.39
20	92	....do	Cretonne (*a*)	31.50	2.82	24.00	9.00	67	48	5.64
21	92	....do	Cretonne (*a*)	32.28	2.19	27.00	9.00	55	51	6.96
22	92	....do	Cretonne (*a*)	33.07	2.82	24.00	19.00	111	51	7.07
23	92	....do	Cretonne (*a*)	35.43	3.28	27.00	32.00	79	99	5.71
24	92	....do	Cretonne (*a*)	35.43	3.25	24.00	38.00	67	132	4.91
25	92	....do	Cretonne (*a*)	35.43	2.88	24.00	21.00	59	95	3.87
26	92	....do	Cretonne (*a*)	35.43	2.07	16.00	9.00	45	62	3.60
27	92	....do	Cretonne (*a*)	39.37	2.18	17.00	14.00	59	62	6.12
28	92	....do	Cretonne (*a*)	43.31	2.12	17.00	17.00	61	62	6.38
29	92	....do	Cretonne (*a*)	47.25	2.43	24.00	29.00	59	103	4.62
30	92	....do	Cretonne (*a*)	47.25	1.28	17.00	5.00	71	33	5.76
31	92	....do	Cretonne (*a*)	62.99	1.50	17.00	17.00	59	62	6.35
32	92	....do	Cretonne (*a*)	70.87	1.32	17.00	17.00	59	62	6.38
33	92	....do	Curtain goods (*a*)	34.45	2.60	33.00	44.00	87	102	5.16
34	92	....do	Curtain goods (*a*)	44.10	1.95	19.00	21.00	83	73	7.32
35	92	....do	Curtain goods (*a*)	78.74	1.28	17.00	17.00	58	55	6.76
36	85	Northern district, United States.	Damask, dyed (*c*)	54.00	1.77	20.00	17.00	58	72	15.04
37	85	....do	Damask, dyed (*c*)	56.00	1.67	20.00	17.00	58	72	17.02
38	79	....do	Denim, dyed (*d*)	28.00	2.50	11.00	10.00	78	42	3.00
39	47	Southern district, United States.	Denim, dyed	30.00	2.51	16.00	16.00	70	36	4.00
40	85	Northern district, United States.	Domett, dyed (*c*)	27.00	5.00	20.00	12.00	44	40	11.10

a Made in 1889.
b Made in 1888.
c Made in 1890.
d Made in 1889; also known as overall cloth.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

II.—DESCRIPTION OF GOODS MADE—Continued.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
41	85	Northern district, United States.	Domett, dyed (*a*)	27.00	4.80	20.00	12.00	44	44	9.51
42	57	Southern district, United States.	Domett, dyed	27.00	4.25	23.00	12.50	48	40	3.00
43	58	....do	Domett, dyed	28.00	5.10	20.00	13.00	40	40	3.00
44	59	....do	Domett, dyed (*b*)	28.00	5.00	20.00	14.00	44	44	1.50
45	64	....do	Domett, dyed	28.00	4.15	22.00	11.00	48	48	
46	49	....do	Domett	36.00	2.20	13.60	7.00	48	44	7.00
47	49	....do	Domett	40.00	2.30	13.60	10.00	48	44	7.00
48	27	Northern district, United States.	Domett flannel	30.00	4.15	21.50	14.50	55	52	(*c*)
49	27	....do	Domett flannel	36.00	3.85	25.00	15.50	54	48	(*c*)
50	27	....do	Domett flannel	36.00	3.50	21.50	15.00	63	48	(*c*)
51	27	....do	Domett flannel	36.00	3.45	21.50	14.50	54	52	(*c*)
52	27	....do	Domett flannel	36.00	3.00	21.50	11.80	59	48	(*c*)
53	27	....do	Domett flannel	36.00	2.90	25.00	8.75	53	48	(*c*)
54	27	....do	Domett flannel	36.00	2.50	21.50	8.50	41	44	(*c*)
55	27	....do	Domett flannel	36.00	2.00	19.00	5.50	56	40	(*c*)
56	27	....do	Domett flannel	36.00	2.00	19.00	8.42	41	40	(*c*)
57	27	....do	Domett flannel	36.00	1.50	19.00	2.50	40	36	(*c*)
58	27	....do	Domett flannel	40.00	4.00	21.50	15.00	48	40	(*c*)
59	99	Great Britain.	Double warp (*d*)	39.00	2.34	36.00	20.00	54	90	5.36
60	76	....do	Dress goods, dyed	27.00	4.46	24.00	28.00	72	66	7.14
61	63	Southern district, United States.	Drilling	25.00	3.60	14.00	14.00	68	52	10.00
62	63	....do	Drilling	25.00	3.50	14.00	13.00	66	52	10.00
63	50	....do	Drilling	26.00	3.86	14.50	16.00	70	48	7.00
64	70	....do	Drilling	26.00	3.19	12.25	15.75	72	44	5.00
65	61	....do	Drilling	27.00	3.40	12.50	13.50	72	44	3.00
66	62	....do	Drilling	27.00	3.20	13.00	15.00	70	46	3.00
67	67	....do	Drilling	27.00	2.85	14.00	14.00	72	48	3.00
68	60	....do	Drilling	27.50	3.34	12.75	13.00	65	44	3.00
69	12	Northern district, United States.	Drilling	28.50	2.85	11.00	11.00	72	48	2.00
70	60	Southern district, United States.	Drilling	29.00	3.21	16.00	16.00	72	52	3.00
71	65	....do	Drilling	29.00	3.07	12.33	15.50	69	46	2.82
72	10	Northern district, United States.	Drilling	29.00	2.85	12.00	12.00	66	44	3.00
73	22	....do	Drilling	29.00	2.85	13.50	13.25	69	48	2.00
74	23	....do	Drilling	29.50	2.85	12.50	12.50	70	48	2.00
75	64	Southern district, United States.	Drilling	30.00	5.81	14.00	13.00	72	46	8.00
76	11	Northern district, United States.	Drilling	30.00	5.60	20.00	22.00	60	40	2.00
77	6	....do	Drilling (*e*)	30.00	5.25	22.00	18.00	64	32	(*c*)
78	42	Southern district, United States.	Drilling	30.00	4.00	17.50	20.00	70	48	5.00
79	61	....do	Drilling	30.00	3.97	12.50	13.50	72	44	3.00
80	69	....do	Drilling	30.00	3.90	15.00	22.00	64	40	4.00
81	49	....do	Drilling	30.00	3.70	13.60	28.00	66	44	7.00
82	46	....do	Drilling	30.00	3.50	18.50	19.50	66	46	5.50
83	60	....do	Drilling	30.00	3.48	12.75	14.60	54	40	3.00
84	65	....do	Drilling	30.00	3.46	12.25	20.75	72	40	2.82
85	51	....do	Drilling	30.00	3.40	16.13	19.42	63	46	4.00
86	50	....do	Drilling	30.00	3.35	14.50	16.00	70	48	7.00
87	63	....do	Drilling	30.00	3.10	14.00	15.00	66	48	10.00
88	42	....do	Drilling	30.00	3.00	13.00	16.00	70	48	5.00

a Made in 1890.
b Also known as flannelette.
c Not reported.
d Made in 1889.
e Three-leaf drilling.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

II.—DESCRIPTION OF GOODS MADE—Continued.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
89	44	Southern district, United States.	Drilling	30.00	3.00	14.00	14.00	72	46	6.00
90	45	....do	Drilling	30.00	3.00	12.50	13.50	66	44	6.00
91	49	....do	Drilling	30.00	3.00	13.60	14.25	66	44	7.00
92	60	....do	Drilling	30.00	3.00	12.75	13.00	65	44	3.00
93	90	....do	Drilling (a)	30.00	3.00	12.50	13.50	66	46	6.00
94	65	....do	Drilling	30.00	2.86	12.33	14.00	69	48	2.82
95	49	....do	Drilling	30.00	2.85	12.00	14.25	66	44	7.00
96	27	Northern district, United States.	Drilling	30.00	2.82	12.75	13.75	70	48	(b)
97	70	Southern district, United States.	Drilling	30.00	2.72	12.25	18.00	72	44	5.00
98	39	....do	Drilling	30.50	3.14	13.70	16.10	70	48	6.25
99	47	....do	Drilling	30.50	2.86	13.00	16.50	70	48	4.00
100	61	....do	Drilling	30.50	2.86	12.50	13.50	72	44	3.00
101	11	Northern district, United States.	Drilling	31.00	5.50	20.00	22.00	60	40	2.00
102	40	Southern district, United States.	Drilling	31.00	3.40	14.75	15.00	72	46	10.00
103	91	Continent of Europe.	Drilling (c)	31.50	3.00	18.00	15.00	70	48	11.40
104	62	Southern district, United States.	Drilling	31.50	2.90	13.00	15.00	70	46	3.00
105	92	Continent of Europe.	Drilling (d)	34.25	2.64	24.00	12.00	69	59	4.19
106	52	Southern district, United States.	Drilling	35.00	2.77	13.00	13.50	66	44	14.00
107	92	Continent of Europe.	Drilling (d)	35.43	2.04	33.00	19.00	96	132	2.72
108	92	....do	Drilling (d)	35.43	1.97	17.00	5.00	37	37	2.83
109	11	Northern district, United States.	Drilling	37.00	4.55	18.00	20.00	60	40	2.00
110	42	Southern district, United States.	Drilling	37.00	4.50	17.50	20.00	44	44	5.00
111	9	Northern district, United States.	Drilling	37.00	3.62	16.00	19.00	56	56	4.53
112	70	Southern district, United States.	Drilling	37.00	3.50	16.50	20.00	64	40	5.00
113	49	....do	Drilling	37.00	2.65	13.60	16.00	66	44	7.00
114	90	....do	Drilling (a)	37.00	2.61	12.50	13.50	66	42	6.00
115	44	....do	Drilling	37.00	2.50	14.00	14.00	72	44	6.00
116	45	....do	Drilling	37.00	2.42	12.50	13.50	66	44	6.00
117	60	....do	Drilling	37.00	2.42	12.75	13.00	65	44	3.00
118	61	....do	Drilling	37.00	2.37	12.50	13.50	72	44	3.00
119	44	....do	Drilling	37.00	2.20	14.00	14.00	72	48	6.00
120	47	....do	Drilling	37.00	1.93	10.00	12.00	83	46	4.00
121	47	....do	Drilling	37.00	1.65	10.00	10.40	83	46	4.00
122	30	Northern district, United States.	Drilling	39.00	4.28	40.00	35.00	76	84	1.00
123	4	....do	Drilling	40.00	3.99	30.00	36.00	76	84	3.99
124	47	Southern district, United States.	Drilling	46.00	1.75	13.00	12.00	76	42	4.00
125	47	....do	Drilling	51.00	1.81	13.00	16.50	70	42	4.00
126	70	....do	Duck	27.00	2.56	12.25	7.75	72	32	5.00
127	70	....do	Duck	28.50	2.00	12.25	5.25	72	32	5.00
128	70	....do	Duck	29.00	2.67	12.25	7.75	72	24	5.00

a Made in 1890.
b Not reported.
c Made in 1888.
d Made in 1889.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

II.—DESCRIPTION OF GOODS MADE—Continued.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
129	10	Northern district, United States.	Duck	29.00	2.00	10.00	a12.00	32	32	3.00
130	70	Southern district, United States.	Duck	30.00	2.28	12.25	7.75	72	32	5.00
131	12	Northern district, United States.	Duck	30.00	2.00	11.00	11.00	40	20	2.00
132	13	....do	Duck	30.00	2.00	10.50	7.25	88	32	2.50
133	47	Southern district, United States.	Duck	30.00	1.65	7.50	3.00	83	28	4.00
134	13	Northern district, United States.	Duck	36.00	1.60	10.50	7.25	88	32	2.50
135	12	....do	Duck	38.00	2.00	11.00	a11.00	30	16	2.00
136	47	Southern district, United States.	Duck	38.00	1.81	13.00	13.00	83	28	4.00
137	49	....do	Duck	40.00	2.60	13.60	10.00	72	24	7.00
138	13	Northern district, United States.	Duck	40.00	1.42	10.50	7.25	88	32	2.50
139	70	Southern district, United States.	Duck	46.00	1.79	12.25	6.00	72	32	5.00
140	47	....do	Duck	46.00	1.49	13.00	13.00	83	28	4.00
141	70	....do	Duck	46.00	1.44	12.25	5.25	72	32	5.00
142	47	....do	Duck	51.00	1.34	13.00	13.00	83	28	4.00
143	47	....do	Duck	57.00	1.20	13.00	13.00	83	28	4.00
144	27	Northern district, United States.	Flannel	25.50	5.25	25.00	19.50	86	46	(b)
145	27	....do	Flannel	27.00	5.00	25.00	19.50	81	48	(b)
146	27	....do	Flannel	27.00	4.50	25.00	15.00	81	48	(b)
147	27	....do	Flannel	27.50	2.60	21.50	6.50	74	48	(b)
148	27	....do	Flannel	28.00	4.00	25.00	12.50	78	48	(b)
149	27	....do	Flannel	28.00	3.75	21.50	12.50	76	48	(b)
150	27	....do	Flannel	28.00	3.30	21.50	9.75	78	48	(b)
151	27	....do	Flannel	29.00	3.50	21.50	11.75	73	48	(b)
152	27	....do	Flannel	30.00	3.25	21.50	11.75	73	52	(b)
153	27	....do	Flannel	30.00	3.00	21.50	9.75	73	52	(b)
154	27	....do	Flannel	30.00	2.75	21.50	7.80	73	52	(b)
155	27	....do	Flannel	30.00	2.00	21.50	5.50	72	48	(b)
156	27	....do	Flannel	32.00	3.25	25.00	13.50	72	60	(b)
157	27	....do	Flannel	32.00	2.90	21.50	9.75	69	52	(b)
158	27	....do	Flannel	32.00	1.43	19.00	3.50	71	42	(b)
159	27	....do	Flannel	32.50	1.60	19.00	3.90	71	42	(b)
160	27	....do	Flannel	36.50	3.00	25.00	10.65	59	48	(b)
161	27	....do	Flannel	38.00	1.95	21.50	6.50	67	48	(b)
162	66	Southern district, United States.	Gingham, dyed	25.50	4.95	14.50	14.50	44	38	-------
163	94	Great Britain	Gingham, dyed (c)	26.00	8.00	32.00	d50.00	64	68	(b)
164	83	Northern district, United States.	Gingham, dyed (c)	26.00	6.75	22.00	22.00	48	44	(b)
165	79	....do	Gingham, dyed (c)	26.00	6.25	22.00	30.00	70	52	3.13
166	8	....do	Gingham, dyed	26.50	6.80	27.00	27.00	56	52	(b)
167	66	Southern district, United States.	Gingham, dyed	27.00	4.53	14.50	14.50	44	40	-------
168	94	Great Britain	Gingham, dyed (c)	43.00	(b)	28.00	e32.00	44	48	(b)
169	77	Northern district, United States.	India linon (c)	30.00	13.65	65.00	75.00	64	64	2.00

a Two-ply.
b Not reported.
c Made in 1889.
d Number 50 pin cop yarn was also used.
e Number 24 pin cop yarn was also used.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

II.—DESCRIPTION OF GOODS MADE—Continued.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
170	77	Northern district, United States.	India linon (*a*)	33.00	10.22	80.00	100.00	96	100	2.00
171	96	Great Britain.	Jaconet (*a*)	36.00	7.89	80.00	120.00	116	140	6.48
172	82	Northern district, United States.	Kentucky jeans, dyed (*a*, *b*).	27.00	2.00	16.00	7.00	62	64	1.63
173	85	....do	Kentucky jeans, dyed (*b*, *c*).	27.00	2.00	16.00	6.00	64	66	3.56
174	80	....do	Lawn (*a*, *d*)	30.88	7.68	28.00	41.00	56	56	1.80
175	66	Southern district, United States.	Lining	35.00	9.95	26.50	40.00	36	30	2.01
176	66	....do	Lining	35.00	8.46	25.50	34.50	40	32	2.01
177	66	....do	Lining	35.00	6.69	25.50	34.50	48	48	2.01
178	99	Great Britain.	Long cloth (*a*)	39.00	4.20	50.00	50.00	100	116	7.87
179	30	Northern district, United States.	Mock leno	40.00	5.92	40.00	44.00	56	56	1.00
180	41	Southern district, United States.	Osnaburg	28.00	2.28	5.50	6.00	30	30	2.00
181	52	....do	Osnaburg	29.00	3.33	8.00	8.00	30	30	14.00
182	52	....do	Osnaburg	29.00	2.90	8.00	6.50	30	32	14.00
183	41	....do	Osnaburg	29.00	2.66	8.00	8.50	29	29	2.00
184	52	....do	Osnaburg	30.00	2.90	8.50	7.75	40	32	14.00
185	52	....do	Osnaburg	30.00	2.28	6.00	7.00	36	30	14.00
186	49	....do	Osnaburg	30.00	2.00	5.50	6.00	32	32	7.00
187	52	....do	Osnaburg	30.00	2.00	5.75	5.50	36	30	14.00
188	66	....do	Osnaburg	30.00	2.00	6.00	5.50	36	31	2.01
189	41	....do	Osnaburg	31.50	2.00	5.50	6.00	30	30	2.00
190	13	Northern district, United States.	Osnaburg	36.00	2.40	8.00	7.25	64	28	2.50
191	38	....do	Osnaburg plaid, dyed.	27.00	4.65	20.00	20.00	81	38	(*e*)
192	78	....do	Percale (*a*)	(*e*)	5.00	60.00	82.00	116	130	(*e*)
193	92	Continent of Europe.	Percale (*a*)	47.25	3.78	41.00	65.00	88	128	3.37
194	92	....do	Percale (*a*)	47.25	3.24	41.00	53.00	88	117	3.18
195	92	....do	Percale (*a*)	53.15	4.01	41.00	65.00	88	84	4.05
196	92	....do	Percale (*a*)	53.15	3.67	53.00	71.00	99	132	3.26
197	92	....do	Percale (*a*	53.15	3.38	41.00	53.00	88	103	3.41
198	92	....do	Percale (*a*)	53.15	3.21	41.00	65.00	88	139	3.24
199	92	....do	Percale (*a*)	53.54	2.74	47.00	59.00	106	165	2.56
200	92	....do	Percale (*a*)	59.05	3.12	47.00	59.00	96	117	3.38
201	92	....do	Percale (*a*)	59.05	3.11	47.00	59.00	96	95	3.71
202	93	....do	Pilot (*f*)	27.49	1.75	16.00	12.00	61	155	.....
203	66	Southern district, United States.	Plaid, dyed	24.00	6.27	14.50	14.50	40	32	.....
204	64	....do	Plaid, dyed	25.00	6.00	14.00	14.00	38	34	.....
205	56	....do	Plaid, dyed	25.00	5.75	14.50	15.00	40	38	3.00
206	64	....do	Plaid, dyed	25.00	5.00	14.00	14.00	44	38	.....
207	47	....do	Plaid, dyed	25.00	4.89	16.00	16.00	44	36	4.00
208	84	Northern district, United States.	Plaid (*a*)	26.00	4.90	17.50	16.50	46	36	2.00
209	66	Southern district, United States.	Plaid, dyed	27.00	4.75	10.50	10.50	48	40	.....
210	67	....do	Plaid, dyed	27.00	4.35	14.00	14.00	40	48	3.00
211	66	....do	Plaid, dyed	27.00	4.19	14.50	14.50	48	42	.....
212	66	....do	Plaid, dyed	27.00	3.97	14.50	14.50	48	49	.....
213	47	....do	Plaid, dyed	27.50	4.29	16.00	16.00	52	48	4.00
214	55	....do	Plaid, dyed	28.00	4.00	12.00	13.00	40	40	3.00
215	53	....do	Plaid, dyed	38.00	6.00	15.00	15.00	38	34	3.00
216	33	Northern district, United States.	Print cloth	27.00	8.25	28.20	40.20	56	60	2.24

a Made in 1889.
b Also known as doeskin.
c Made in 1890.
d Also known as batiste.
e Not reported.
f Cloth for making overalls, made in 1890.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

II.—DESCRIPTION OF GOODS MADE—Continued.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
217	31	Northern district, United States.	Print cloth	27.00	8.14	28.00	40.00	56	60	1.72
218	81	....do	Print cloth (*a*)	28.00	8.00	28.00	36.00	56	60	2.24
219	14	....do	Print cloth	28.00	7.13	29.00	37.00	64	64	6.41
220	20	....do	Print cloth	28.00	7.01	28.00	36.00	64	64	5.04
221	2	....do	Print cloth	28.00	7.00	28.00	36.00	64	64	5.19
222	15	....do	Print cloth	28.00	7.00	28.00	36.00	64	64	5.19
223	16	....do	Print cloth	28.00	7.00	28.00	37.00	64	64	2.88
224	17	....do	Print cloth	28.00	7.00	28.00	36.00	64	64	5.19
225	18	....do	Print cloth	28.00	7.00	28.00	36.00	64	64	2.72
226	34	....do	Print cloth	28.00	7.00	28.50	38.50	64	64	2.21
227	30	....do	Print cloth	28.00	6.96	28.00	34.50	64	64	1.00
228	29	....do	Print cloth	28.00	6.94	26.66	36.84	64	64	6.72
229	25	....do	Print cloth	28.00	6.93	28.00	36.15	64	64	1.61
230	25	....do	Print cloth	28.00	6.72	28.32	34.17	64	64	(*b*)
231	25	....do	Print cloth	28.00	6.27	28.00	28.00	64	67	(*b*)
232	24	....do	Print cloth	29.00	6.88	28.00	36.00	64	64	2.00
233	71	Continent of Europe.	Print cloth	29.92	9.53	36.00	42.00	55	48	3.31
234	93	....do	Print cloth (*c*)	30.00	3.20	16.00	16.00	64	56	.....
235	25	Northern district. United States.	Print cloth	31.50	5.31	30.65	45.40	64	120	1.23
236	95	Great Britain.	Print cloth (*a*)	32.00	7.48	33.00	49.00	64	64	6.45
237	72	....do	Print cloth	34.00	6.21	32.00	36.00	64	64	3.49
238	26	Northern district, United States.	Print cloth	35.00	5.00	28.00	33.00	68	72	3.98
239	30	....do	Print cloth	35.00	4.98	35.00	35.00	68	72	1.00
240	25	....do	Print cloth	35.00	4.95	28.36	36.45	68	72	(*b*)
241	96	Great Britain.	Print cloth (*a*)	36.00	4.44	32.00	46.00	80	96	6.44
242	71	Continent of Europe.	Print cloth	36.22	6.12	36.00	42.00	66	66	3.14
243	2	Northern district, United States.	Print cloth	38.00	5.16	28.00	36.00	64	64	5.19
244	2	....do	Print cloth	44.00	4.45	28.00	36.00	64	64	5.19
245	71	Continent of Europe.	Print cloth	46.88	3.88	36.00	42.00	81	81	3.12
246	30	Northern district, United States.	Sateen	28.00	5.83	28.00	39.00	64	88	1.00
247	76	Great Britain.	Sateen, dyed (*d*)	29.00	2.84	24.00	20.00	120	68	6.98
248	92	Continent of Europe.	Sateen (*a*)	30.32	2.97	24.00	25.00	78	121	2.31
249	30	Northern district, United States.	Sateen	31.00	5.49	28.00	45.00	64	120	1.00
250	80	....do	Sateen (*a*)	31.50	5.50	30.00	50.00	64	124	1.41
251	80	....do	Sateen (*a*)	32.50	4.91	28.00	32.00	64	88	1.23
252	97	Great Britain.	Sateen (*a*)	33.00	5.63	60.00	70.00	104	180	1.95
253	98	....do	Sateen (*a*)	35.00	4.62	50.00	60.00	104	160	11.54
254	92	Continent of Europe.	Sateen (*a*)	35.04	2.81	27.00	29.00	64	143	1.91
255	92	....do	Sateen (*a*)	35.04	2.67	19.00	25.00	62	110	2.38
256	92	....do	Sateen (*a*)	35.43	5.89	47.00	59.00	86	103	2.89
257	92	....do	Sateen (*a*)	35.43	5.50	71.00	71.00	97	183	2.08
258	92	....do	Sateen (*a*)	35.43	4.86	47.00	59.00	86	147	2.39
259	92	....do	Sateen (*a*)	35.43	4.39	33.00	44.00	78	84	3.11
260	92	....do	Sateen (*a*)	35.43	4.09	47.00	59.00	107	165	2.56
261	92	....do	Sateen (*a*)	35.43	3.65	35.00	44.00	144	73	4.05
262	92	....do	Sateen (*a*)	35.43	3.01	24.00	17.00	86	51	3.14
263	27	Northern district, United States.	Sateen	38.50	1.64	21.50	9.00	108	60	(*b*)
264	88	....do	Sateen (*e*)	39.00	3.73	40.00	62.00	96	180	2.28
265	87	....do	Sateen (*f*)	39.00	3.46	33.00	44.00	68	150	1.97
266	88	....do	Sateen (*e*)	40.00	3.56	40.00	45.00	96	136	2.24
267	80	....do	Sateen (*a*)	40.50	4.29	30.00	50.00	64	124	1.57
268	80	....do	Sateen (*a*)	40.63	3.93	28.00	32.00	64	88	1.33

a Made in 1889.
b Not reported.
c Made in 1890.
d Striped sateen.
e Made in 1888.
f Five-leaf sateen; made in 1883.

TABLE 5.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

II.—DESCRIPTION OF GOODS MADE—Continued.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
269	92	Continent of Europe.	Sateen (*a*)	41.34	3.30	35.00	44.00	145	59	4.31
270	88	Northern district, United States.	Sateen (*b*)	43.50	3.42	40.00	47.00	126	96	3.04
271	77	....do	Sateen (*a*)	44.00	3.37	45.00	50.00	140	96	2.00
272	92	Continent of Europe.	Sateen (*a*)	59.06	2.79	47.00	59.00	96	147	2.59
273	92	....do	Sateen (*a*)	59.06	2.43	33.00	44.00	78	117	2.69
274	5	Northern district, United States.	Scrim	40.00	7.78	28.00	36.00	45	32	8.10
275	11	....do	Sheeting	22.50	7.50	20.00	19.00	44	40	2.00
276	16	....do	Sheeting	25.00	12.60	28.00	37.00	48	36	2.87
277	16	....do	Sheeting	26.00	10.00	28.00	37.00	56	44	2.88
278	11	....do	Sheeting	27.00	7.50	22.00	26.00	40	40	2.00
279	11	....do	Sheeting	27.00	5.85	20.00	19.00	44	40	2.00
280	60	Southern district, United States.	Sheeting	27.00	4.73	12.75	14.60	40	40	3.00
281	16	Northern district, United States.	Sheeting	28.00	9.14	28.00	37.00	48	44	2.88
282	65	Southern district, United States.	Sheeting	30.00	5.50	18.00	21.00	48	44	2.82
283	48	....do	Sheeting	30.00	5.00	20.00	17.00	48	44	(*c*)
284	47	....do	Sheeting	30.00	4.96	16.00	20.00	44	48	4.00
285	65	....do	Sheeting	30.00	4.91	15.50	19.50	48	44	2.82
286	68	....do	Sheeting	30.00	4.50	16.25	18.25	48	48	5.00
287	60	....do	Sheeting	30.00	4.31	12.75	14.60	40	40	3.00
288	60	....do	Sheeting	30.00	3.85	12.75	15.00	48	40	3.00
289	61	....do	Sheeting	30.00	3.74	12.50	15.00	48	44	3.00
290	60	....do	Sheeting	30.00	3.61	12.75	13.00	48	44	3.00
291	63	....do	Sheeting	31.00	3.50	14.00	13.00	48	44	10.00
292	30	Northern district, United States.	Sheeting	31.50	5.37	38.00	42.00	62	103	1.00
293	11	....do	Sheeting	32.00	6.40	20.00	24.00	40	40	2.00
294	16	....do	Sheeting	32.00	6.12	28.00	37.00	64	64	2.88
295	68	Southern district, United States.	Sheeting	33.50	3.80	16.25	18.25	48	48	5.00
296	11	Northern district, United States.	Sheeting	34.00	6.00	20.00	21.00	40	40	2.00
297	91	Continent of Europe.	Sheeting (*b*)	34.65	3.54	15.00	17.00	48	48	9.71
298	65	Southern district, United States.	Sheeting	35.00	3.71	13.25	19.50	48	46	2.82
299	65	....do	Sheeting	35.00	3.40	14.00	15.50	48	46	2.82
300	66	....do	Sheeting	35.00	3.39	14.00	15.50	48	46	2.01
301	66	....do	Sheeting	35.00	3.38	14.00	15.50	48	42	2.01
302	23	Northern district, United States.	Sheeting	35.50	4.50	25.00	25.00	58	56	2.00
303	27	....do	Sheeting	35.50	4.20	21.50	22.25	56	56	(*c*)
304	63	Southern district, United States.	Sheeting	35.50	3.00	13.00	13.00	48	48	5.00
305	16	Northern district, United States.	Sheeting	36.00	16.85	28.00	37.00	24	20	2.88
306	16	....do	Sheeting	36.00	14.25	28.00	37.00	28	24	2.88
307	16	....do	Sheeting	36.00	12.25	28.00	37.00	32	28	2.89
308	16	....do	Sheeting	36.00	10.80	28.00	37.00	36	32	2.87
309	11	....do	Sheeting	36.00	6.00	20.00	23.00	40	40	2.00
310	49	Southern district, United States.	Sheeting	36.00	6.00	27.00	27.00	44	44	7.00

a Made in 1889.
b Made in 1888.
c Not reported.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

H.—DESCRIPTION OF GOODS MADE—Continued.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
311	49	Southern district, United States.	Sheeting	36.00	6.00	28.00	28.00	48	48	7.00
312	64	....do	Sheeting	36.00	6.00	22.00	26.00	46	42	8.00
313	49	....do	Sheeting	36.00	5.50	18.00	35.00	44	44	7.00
314	57	....do	Sheeting	36.00	5.50	28.00	34.00	64	56	3.00
315	48	....do	Sheeting	36.00	5.35	20.00	30.00	48	48	(a)
316	21	Northern district, United States.	Sheeting	36.00	5.00	28.50	33.00	63	64	(a)
317	46	Southern district, United States.	Sheeting	36.00	4.87	18.50	19.50	44	38	5.50
318	89	....do	Sheeting (b)	36.00	4.60	21.00	22.00	50	48	6.30
319	4	Northern district, United States.	Sheeting	36.00	4.59	30.00	36.00	72	80	3.59
320	65	Southern district, United States.	Sheeting	36.00	4.51	18.00	21.00	48	44	2.82
321	49	....do	Sheeting	36.00	4.50	18.00	20.00	44	44	7.00
322	66	....do	Sheeting	36.00	4.46	18.00	21.00	48	44	2.01
323	66	....do	Sheeting	36.00	4.44	18.00	21.00	44	38	2.01
324	64	....do	Sheeting	36.00	4.31	22.00	23.00	56	56	8.00
325	49	....do	Sheeting	36.00	4.25	18.00	20.00	48	44	7.00
326	46	....do	Sheeting	36.00	4.20	18.50	19.50	52	46	5.50
327	69	....do	Sheeting	36.00	4.17	15.00	19.00	42	40	4.00
328	21	Northern district, United States.	Sheeting	36.00	4.00	20.50	22.00	54	56	(a)
329	23	....do	Sheeting	36.00	4.00	21.00	22.00	56	58	2.00
330	40	Southern district, United States.	Sheeting	36.00	4.00	18.00	18.00	50	46	10.00
331	42	....do	Sheeting	36.00	4.00	17.50	20.00	48	48	5.00
332	46	....do	Sheeting	36.00	4.00	18.50	19.50	52	50	5.50
333	48	....do	Sheeting	36.00	4.00	20.00	24.00	56	60	(a)
334	49	....do	Sheeting	36.00	4.00	18.00	20.00	48	48	7.00
335	49	....do	Sheeting	36.00	4.00	18.00	35.00	60	60	7.00
336	51	....do	Sheeting	36.00	4.00	16.13	19.42	44	42	4.00
337	64	....do	Sheeting	36.00	4.00	21.00	23.00	58	58	8.00
338	65	....do	Sheeting	36.00	4.00	15.50	18.50	48	44	2.82
339	68	....do	Sheeting	36.00	4.00	16.25	18.25	46	46	5.00
340	69	....do	Sheeting	36.00	4.00	15.00	19.00	44	44	4.00
341	1	Northern district, United States.	Sheeting	36.00	3.94	28.00	32.00	76	80	2.56
342	49	Southern district, United States.	Sheeting	36.00	3.85	18.00	20.00	52	48	7.00
343	42	....do	Sheeting	36.00	3.75	17.50	11.00	48	36	5.00
344	69	....do	Sheeting	36.00	3.66	15.00	19.00	48	48	4.00
345	50	....do	Sheeting	36.00	3.65	20.00	21.00	60	64	5.00
346	54	....do	Sheeting	36.00	3.60	14.00	16.00	48	40	3.00
347	60	....do	Sheeting	36.00	3.51	12.75	14.60	40	40	3.00
348	21	Northern district, United States.	Sheeting	36.00	3.50	20.00	25.50	64	68	(a)
349	22	....do	Sheeting	36.00	3.50	20.00	22.00	62	62	2.00
350	27	....do	Sheeting	36.00	3.45	19.00	24.75	64	68	(a)
351	64	Southern district, United States.	Sheeting	36.00	3.45	14.00	17.00	48	44	8.00
352	21	Northern district, United States.	Sheeting	36.00	3.40	14.50	17.50	48	50	(a)
353	50	Southern district, United States.	Sheeting	36.00	3.35	14.50	16.00	48	48	5.00
354	54	....do	Sheeting	36.00	3.35	14.00	16.00	48	48	3.00

a Not reported.
b Made in 1890.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

II.—DESCRIPTION OF GOODS MADE—Continued.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
355	40	Southern district, United States.	Sheeting	36.00	3.30	14.75	15.00	48	48	10.00
356	52	....do	Sheeting	36.00	3.30	13.00	13.50	44	44	14.00
357	47	....do	Sheeting	36.00	3.28	13.00	13.00	40	40	4.00
358	61	....do	Sheeting	36.00	3.27	12.50	13.50	48	36	3.00
359	39	....do	Sheeting	36.00	3.25	13.70	16.10	48	48	6.25
360	42	....do	Sheeting	36.00	3.25	13.00	15.00	48	44	5.00
361	63	....do	Sheeting	36.00	3.25	14.00	13.00	44	42	10.00
362	60	....do	Sheeting	36.00	3.22	12.75	10.75	40	40	3.00
363	60	....do	Sheeting	36.00	3.22	12.75	15.00	48	40	3.00
364	47	....do	Sheeting	36.00	3.11	13.00	13.00	44	42	4.00
365	67	....do	Sheeting	36.00	3.10	14.00	14.00	48	48	3.00
366	61	....do	Sheeting	36.00	3.08	12.50	13.50	48	40	3.00
367	65	....do	Sheeting	36.00	3.08	12.33	14.50	48	46	2.82
368	21	Northern district, United States.	Sheeting	36.00	3.05	15.00	16.50	52	54	(a)
369	44	Southern district, United States.	Sheeting	36.00	3.00	14.00	14.00	48	48	6.00
370	45	....do	Sheeting	36.00	3.00	12.50	13.50	48	46	6.00
371	49	....do	Sheeting	36.00	3.00	13.60	14.25	48	44	10.00
372	52	....do	Sheeting	36.00	3.00	13.00	13.50	48	48	14.00
373	62	....do	Sheeting	36.00	3.00	13.00	15.00	48	48	3.00
374	63	....do	Sheeting	36.00	3.00	14.00	13.00	48	44	10.00
375	60	....do	Sheeting	36.00	2.98	12.75	10.75	44	44	3.00
376	70	....do	Sheeting	36.00	2.98	12.25	18.00	44	40	5.00
377	12	Northern district, United States.	Sheeting	36.00	2.85	11.00	12.00	40	40	2.00
378	23	....do	Sheeting	36.00	2.85	12.50	12.50	44	48	2.00
379	28	....do	Sheeting	36.00	2.85	12.50	13.00	48	48	4.45
380	46	Southern district, United States.	Sheeting	36.00	2.85	10.50	11.50	40	40	5.50
381	63	....do	Sheeting	36.00	2.85	14.00	12.00	48	48	10.00
382	65	....do	Sheeting	36.00	2.85	12.33	12.60	48	48	2.82
383	70	....do	Sheeting	36.00	2.85	12.25	18.00	48	48	5.00
384	21	Northern district, United States.	Sheeting	36.00	2.84	13.00	13.50	48	48	(a)
385	70	Southern district, United States.	Sheeting	36.00	2.72	12.25	18.00	48	52	5.00
386	35	Northern district, United States.	Sheeting	36.50	5.50	23.00	26.00	48	48	2.25
387	49	Southern district, United States.	Sheeting	38.00	4.00	18.00	20.00	48	44	7.00
388	21	Northern district, United States.	Sheeting	38.50	5.25	28.50	42.00	64	64	(a)
389	16	....do	Sheeting	38.50	5.15	28.00	37.00	64	64	2.88
390	6	....do	Sheeting	38.50	5.14	28.43	39.45	64	64	(a)
391	21	....do	Sheeting	38.50	4.64	28.50	33.00	63	64	(a)
392	54	Southern district, United States.	Sheeting	39.00	3.80	25.00	25.00	64	64	3.00
393	37	Northern district, United States.	Sheeting	39.00	3.11	22.00	27.00	68	76	2.00
394	44	Southern district, United States.	Sheeting	39.00	2.60	14.00	14.00	48	47	6.00
395	5	Northern district, United States.	Sheeting	39.50	3.85	28.00	36.00	76	82	4.01
396	5	....do	Sheeting	39.50	3.76	28.00	36.00	76	86	3.92

a Not reported.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

II.—DESCRIPTION OF GOODS MADE—Continued.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
397	54	Southern district, United States.	Sheeting	40.00	6.00	14.00	16.00	28	24	3.00
398	4	Northern district, United States.	Sheeting	40.00	3.94	30.00	36.00	72	80	2.95
399	3	....do	Sheeting	40.00	3.70	28.00	37.00	76	84	1.85
400	21	....do	Sheeting	40.00	3.15	20.00	25.50	64	68	(a)
401	47	Southern district, United States.	Sheeting	40.00	3.05	17.00	19.00	56	56	4.00
402	6	Northern district, United States.	Sheeting	40.00	2.99	22.00	22.00	64	72	(a)
403	36	....do	Sheeting	40.00	2.92	28.00	33.00	92	96	4.18
404	22	....do	Sheeting	40.00	2.90	21.00	22.00	70	66	2.00
405	28	....do	Sheeting	40.00	2.55	12.50	13.00	48	48	4.30
406	47	Southern district, United States.	Sheeting	40.00	2.51	13.00	13.00	48	48	4.00
407	54	....do	Sheeting	40.00	2.50	14.00	12.00	48	48	3.00
408	6	Northern district, United States.	Sheeting	41.00	4.91	28.50	41.50	64	64	(a)
409	54	Southern district, United States.	Sheeting	43.50	5.25	25.00	20.00	52	22	3.00
410	4	Northern district, United States.	Sheeting	44.00	3.56	30.00	36.00	72	80	2.89
411	54	Southern district, United States.	Sheeting	45.00	3.20	25.00	25.90	64	68	3.00
412	36	Northern district, United States.	Sheeting	45.00	2.85	22.00	25.00	64	68	4.11
413	21	....do	Sheeting	45.00	2.62	20.50	26.00	66	72	(a)
414	5	....do	Sheeting	46.00	6.26	28.00	39.00	46	44	6.52
415	92	Continent of Europe.	Sheeting (b)	47.25	3.38	33.00	44.00	81	88	5.11
416	4	Northern district, United States.	Sheeting	48.00	3.33	30.00	36.00	72	80	3.12
417	36	....do	Sheeting	48.00	2.70	22.00	25.00	64	68	2.92
418	37	....do	Sheeting	48.00	2.31	19.00	22.00	64	68	2.93
419	28	....do	Sheeting	48.00	2.15	12.50	13.00	48	48	4.43
420	47	Southern district, United States.	Sheeting	50.50	3.20	20.00	21.00	48	48	4.00
421	92	Continent of Europe.	Sheeting (b)	53.15	3.79	33.00	44.00	72	59	5.71
422	21	Northern district, United States.	Sheeting	54.00	2.20	20.50	26.00	66	72	(a)
423	36	....do	Sheeting	58.00	2.22	22.00	25.00	64	68	3.11
424	37	....do	Sheeting	58.00	1.90	19.00	22.00	64	68	3.25
425	92	Continent of Europe.	Sheeting (b)	59.06	2.50	33.00	44.00	81	103	4.73
426	21	Northern district, United States.	Sheeting	63.00	1.88	20.50	26.00	66	72	(a)
427	36	....do	Sheeting	67.00	1.93	22.00	25.00	64	68	2.45
428	92	Continent of Europe.	Sheeting (b)	70.87	2.41	33.00	44.00	81	77	5.40
429	21	Northern district, United States.	Sheeting	72.00	1.65	20.50	26.00	66	72	(a)
430	36	....do	Sheeting	77.00	1.69	22.00	25.00	64	68	1.87
431	37	....do	Sheeting	78.00	1.42	19.00	22.00	64	68	2.99
432	21	....do	Sheeting	81.00	1.48	20.50	26.00	66	72	(a)
433	36	....do	Sheeting	86.00	1.51	22.00	25.00	64	68	2.70

a Not reported.
b Made in 1889.

TABLE 5.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

H.—DESCRIPTION OF GOODS MADE—Continued.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
434	37	Northern district, United States.	Sheeting	86.00	1.27	19.00	22.00	64	68	3.84
435	78	....do	Sheeting (a)	90.00	1.40	18.00	22.00	96	108	(b)
436	78	....do	Sheeting (a)	90.00	1.36	26.50	36.00	80	92	(b)
437	21	....do	Sheeting	90.00	1.32	20.50	26.00	66	72	(b)
438	78	....do	Sheeting (a)	90.00	1.65	18.00	22.00	66	76	(b)
439	36	....do	Sheeting	96.00	1.34	22.00	25.00	64	68	2.79
440	37	....do	Sheeting	96.00	1.12	19.00	22.00	64	68	4.26
441	37	....do	Sheeting	108.00	1.01	19.00	22.00	64	68	2.43
442	7	....do	Sheeting, bleached	39.75	3.70	30.00	35.50	78	86	3.44
443	1	....do	Sheeting, bleached	40.00	3.49	28.00	32.00	76	80	2.61
444	26	....do	Sheeting, bleached	40.00	3.40	28.00	33.00	80	84	3.18
445	1	....do	Sheeting, bleached	40.00	3.15	28.00	32.00	80	92	2.52
446	21	....do	Sheeting, bleached	42.00	2.68	20.50	26.00	66	72	(b)
447	7	....do	Sheeting, bleached	45.00	3.30	30.00	35.50	78	86	3.30
448	26	....do	Sheeting, bleached	45.00	3.09	28.00	33.00	80	84	3.27
449	21	....do	Sheeting, bleached	45.00	2.45	20.50	26.00	66	72	(b)
450	7	....do	Sheeting, bleached	48.00	3.00	30.00	35.50	78	86	3.75
451	26	....do	Sheeting, bleached	49.00	2.75	28.00	33.00	80	84	3.04
452	21	....do	Sheeting, bleached	54.00	2.07	20.50	26.00	66	72	(b)
453	21	....do	Sheeting, bleached	63.00	1.79	20.50	26.00	66	72	(b)
454	21	....do	Sheeting, bleached	72.00	1.56	20.50	26.00	66	72	(b)
455	21	....do	Sheeting, bleached	81.00	1.38	20.50	26.00	66	72	(b)
456	21	....do	Sheeting, bleached	90.00	1.25	20.50	26.00	66	72	(b)
457	99	Great Britain.	Shirt cloth (a)	39.00	2.99	26.00	18.00	52	72	5.71
458	99	....do	Shirt cloth (a)	39.00	2.93	26.00	30.00	80	92	8.33
459	99	....do	Shirt cloth (a)	39.00	2.58	26.00	18.00	60	72	5.47
460	28	Northern district, United States.	Shirting	23.00	5.45	14.28	13.50	44	40	4.09
461	65	Southern district, United States.	Shirting	26.00	6.72	18.00	20.75	48	39	2.82
462	65	....do	Shirting	26.00	6.21	18.00	20.75	48	44	2.82
463	69	....do	Shirting	26.00	5.20	15.00	19.00	48	44	4.00
464	68	....do	Shirting	27.00	5.10	16.25	18.25	48	48	5.00
465	40	....do	Shirting	27.00	5.00	18.00	15.00	46	46	10.00
466	90	....do	Shirting (c)	27.00	4.71	12.50	13.50	40	40	6.00
467	45	....do	Shirting	27.00	4.62	12.50	13.50	46	44	6.00
468	62	....do	Shirting	27.00	4.59	13.00	15.00	42	42	3.00
469	28	Northern district, United States.	Shirting	27.50	4.50	14.28	13.50	44	40	4.22
470	66	Southern district, United States.	Shirting	28.00	7.91	25.50	40.00	56	52	2.01
471	66	....do	Shirting	28.00	7.16	18.00	20.00	40	36	2.01
472	91	Continent of Europe.	Shirting (d)	29.92	5.09	28.00	39.00	73	73	9.45
473	42	Southern district, United States.	Shirting	30.00	5.00	17.50	20.00	48	44	5.00
474	46	....do	Shirting	30.00	5.00	18.50	19.50	52	48	5.50
475	49	....do	Shirting	30.00	5.00	18.00	20.00	48	44	7.00
476	50	....do	Shirting	30.00	5.00	14.50	18.50	40	44	5.00
477	51	....do	Shirting	30.00	5.00	18.95	19.42	44	40	4.00
478	69	....do	Shirting	30.00	5.00	15.00	19.00	42	40	4.00
479	46	....do	Shirting	30.00	4.85	18.50	19.50	52	50	5.50
480	49	....do	Shirting	30.00	4.50	18.00	14.25	48	44	7.00
481	50	....do	Shirting	30.00	4.50	14.50	16.00	46	46	5.00
482	69	....do	Shirting	30.00	4.45	15.00	19.00	44	48	4.00
483	40	....do	Shirting	30.00	4.25	18.00	15.00	46	46	10.00
484	65	....do	Shirting	30.00	4.25	13.33	16.75	48	42	2.82
485	65	....do	Shirting	30.00	4.05	12.33	16.50	48	42	2.82
486	42	....do	Shirting	30.00	4.00	15.00	16.00	48	44	5.00
487	49	....do	Shirting	30.00	3.75	13.60	14.25	48	44	10.00
488	45	....do	Shirting	30.00	3.60	12.50	13.50	48	46	6.00
489	69	....do	Shirting (c)	30.00	3.60	12.50	13.50	48	46	6.00

a Made in 1889.
b Not reported.
c Made in 1890.
d Made in 1888.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

III.—DESCRIPTION OF GOODS MADE—Continued.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
490	28	Northern district, United States.	Shirting	30.00	3.41	12.50	13.00	48	48	4.69
491	39	Southern district, United States.	Shirting	30.50	4.00	13.70	16.10	48	48	6.25
492	52	....do	Shirting	31.00	3.90	13.00	13.50	44	44	14.00
493	52	....do	Shirting	31.00	3.65	13.00	13.50	48	46	14.00
494	52	....do	Shirting	31.00	3.55	13.00	13.50	48	44	14.00
495	62	....do	Shirting	31.50	3.59	13.00	15.00	48	48	3.00
496	51	....do	Shirting	32.00	5.75	18.95	19.42	44	32	4.00
497	23	Northern district, United States.	Shirting	32.00	4.50	21.00	22.00	56	58	2.00
498	51	Southern district, United States.	Shirting	33.00	5.65	18.95	19.42	44	32	4.00
499	46	....do	Shirting	33.50	6.00	18.50	19.50	36	40	5.50
500	46	....do	Shirting	33.50	5.40	18.50	19.50	40	40	5.50
501	51	....do	Shirting	34.00	5.40	18.95	19.42	44	32	4.00
502	46	....do	Shirting	34.50	5.28	18.50	19.50	44	40	5.50
503	92	Continent of Europe.	Shirting (*a*)	35.43	6.00	33.00	44.00	67	59	5.55
504	92	....do	Shirting (*a*)	35.43	5.65	47.00	59.00	82	103	4.25
505	92	....do	Shirting (*a*)	35.43	5.35	33.00	44.00	67	73	5.05
506	92	....do	Shirting (*a*)	35.43	4.92	53.00	71.00	99	161	3.30
507	92	....do	Shirting (*a*)	35.43	4.81	53.00	65.00	99	154	3.23
508	92	....do	Shirting (*a*)	35.43	4.65	33.00	44.00	78	88	4.96
509	92	....do	Shirting (*a*)	35.43	4.47	33.00	44.00	78	95	4.75
510	92	....do	Shirting (*a*)	35.43	4.19	33.00	44.00	78	110	4.00
511	92	....do	Shirting (*a*)	35.43	3.76	33.00	48.00	81	128	3.75
512	92	....do	Shirting (*a*)	35.43	2.96	19.00	21.00	63	73	4.50
513	32	Northern district, United States.	Shirting	36.00	5.31	40.00	60.00	94	94	3.89
514	6	....do	Shirting	36.00	4.01	21.50	20.85	52	56	(*b*)
515	6	....do	Shirting	36.00	3.48	22.00	24.00	64	68	(*b*)
516	90	Southern district, United States.	Shirting (*c*)	36.00	3.00	12.50	13.50	48	46	6.00
517	99	Great Britain.	Shirting (*a*)	39.00	5.00	60.00	70.00	100	144	9.46
518	96	....do	Shirting (*a*)	39.00	4.65	50.00	60.00	100	116	6.20
519	75	....do	Shirting	39.00	4.55	32.00	36.00	60	64	30.45
520	91	Continent of Europe.	Shirting (*d*)	39.37	4.11	22.00	24.00	51	51	9.21
521	72	Great Britain.	Shirting	40.00	5.00	32.00	46.00	76	76	4.41
522	22	Northern district, United States.	Shirting	40.00	3.75	28.00	34.00	72	80	2.00
523	72	Great Britain.	Shirting	40.00	3.46	26.00	32.00	88	76	5.07
524	78	Northern district, United States.	Shirting (*a*)	40.00	3.20	26.50	36.00	84	96	(*b*)
525	22	....do	Shirting	40.00	3.00	21.00	24.00	68	72	2.00
526	87	....do	Shirting (*d*)	44.00	3.81	33.00	42.00	80	84	2.79
527	7	....do	Shirting, bleached	36.00	4.10	30.00	35.50	78	86	3.59
528	26	....do	Shirting, bleached	40.00	3.50	28.00	33.00	80	92	3.24
529	26	....do	Shirting, bleached	40.00	3.20	28.00	33.00	84	92	3.01
530	73	Great Britain.	Shirting, Indian	36.00	4.00	30.00	30.00	64	64	24.56
531	74	....do	Shirting, Indian (*e*)	40.00	4.55	32.00	*f*50.00	52	68	29.23
532	94	....do	Shirting, colored (*a*)	28.60	4.75	32.00	*g*26.00	60	60	(*b*)
533	66	Southern district, United States.	Shirting, colored	28.50	3.23	13.50	20.50	88	32	.....
534	76	Great Britain.	Shirting, colored	29.00	3.33	36.00	10.00	88	54	5.56
535	76	....do	Shirting, colored	29.00	3.00	24.00	12.00	70	70	5.00

a Made in 1889.
b Not reported.
c Made in 1890.
d Made in 1888.
e Also known as dhoties or colored borders.
f Number 20 colored yarn was also used in the border of the goods.
g Number 14 pin cop yarn was also used.

TABLE I.—COST OF PRODUCTION OF COTTON TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

II.—DESCRIPTION OF GOODS MADE—Concluded.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch		Estimated cost of weaving.
						Warp.	Weft.	Warp.	Weft.	
536	86	Northern district, United States.	Shirting, fancy, dyed (a).	32.00	6.13	40.00	60.00	80	80	.....
537	83	....do	Shirting, flannel, dyed (a).	28.00	4.90	22.00	12.00	48	42	(c)
538	66	Southern district, United States.	Stripes, dyed	27.50	4.21	14.00	16.25	66	55	.....
539	66	....do	Stripes, dyed	27.50	3.74	14.00	15.50	66	48	.....
540	66	....do	Stripes, dyed	28.50	3.44	12.00	17.00	67	48	.....
541	66	....do	Ticking, dyed	30.25	2.53	10.50	16.00	65	52	.....
542	92	Continent of Europe.	Tripleurs (d)	35.43	3.29	14.00	12.00	41	37	6.62
543	92	....do	Tripleurs (d)	35.43	2.11	12.00	7.00	41	37	5.72
544	92	....do	Twill (a)	35.43	7.65	27.00	25.00	69	105	3.68
545	7	Northern district, United States.	Twill	35.00	5.00	30.00	30.00	68	72	3.44
546	92	Continent of Europe.	Twill (a)	35.43	5.39	33.00	44.00	67	73	4.98
547	92	....do	Twill (a)	35.43	4.34	33.00	44.00	78	103	4.15
548	92	....do	Twill (a)	35.43	3.90	27.00	29.00	68	77	3.16
549	92	....do	Twill (a)	35.43	3.75	33.00	53.00	78	165	3.19
550	92	....do	Twill (a)	35.43	3.61	33.00	65.00	81	205	3.24
551	92	....do	Twill (a)	35.43	3.59	33.00	44.00	81	139	3.22
552	92	....do	Twill (a)	35.43	3.31	33.00	33.00	81	176	3.11
553	92	....do	Twill (a)	35.43	3.34	27.00	25.00	68	88	3.41
554	92	....do	Twill (a)	35.43	2.92	33.00	25.00	78	117	2.93
555	92	....do	Twill (a)	35.43	2.78	27.00	32.00	68	154	2.49
556	92	....do	Twill (a)	35.43	2.73	27.00	59.00	68	294	2.45
557	92	....do	Twill (a)	35.43	2.59	27.00	44.00	68	231	2.61
558	92	....do	Twill (a)	35.43	2.16	19.00	19.00	61	117	2.87
559	5	Northern district, United States.	Twill	37.00	5.38	28.00	22.00	48	48	5.60
560	99	Great Britain.	Twill (a)	39.00	2.76	30.00	36.00	82	136	7.95
561	99	....do	Twill (a)	39.00	1.87	22.00	15.00	63	100	5.56
562	92	Continent of Europe.	Twill (a)	41.34	3.22	33.00	48.00	78	154	3.21
563	7	Northern district, United States.	Twill	44.00	3.30	30.00	35.50	78	90	3.30
564	92	Continent of Europe.	Twill (a)	47.25	2.85	33.00	44.00	78	132	3.26
565	92	....do	Twill (a)	59.06	2.25	33.00	59.00	78	183	3.23
566	6	Northern district, United States.	Twill (a)	39.00	1.80	28.48	39.45	68	68	(c)
567	87	....do	Twill lining, 3 leaf (e)	43.50	3.51	33.00	44.00	80	108	2.54
568	87	....do	Twill lining, 3 leaf (e)	44.00	3.58	33.00	30.00	80	120	2.28
569	87	....do	Twill lining, 5 leaf (e)	36.00	4.35	33.00	40.00	76	92	2.36
570	80	....do	Victoria lawn (a)	26.00	9.67	28.00	41.00	56	48	1.89
571	77	....do	Victoria lawn (a)	30.00	8.88	45.00	50.00	64	60	2.00
572	77	....do	Victoria lawn (a)	32.00	7.84	45.00	75.00	96	100	2.00
573	96	Great Britain.	Victoria lawn (a)	36.00	8.55	60.00	70.00	80	82	2.40
574	92	Continent of Europe.	Warp twill (a)	30.32	2.51	19.00	17.00	95	73	6.38
575	92	....do	Warp twill (a)	33.07	2.35	19.00	17.00	97	62	6.51
576	92	....do	Warp twill (a)	33.07	3.75	24.00	44.00	100	93	9.28
577	92	....do	Warp twill (a)	36.62	3.39	24.00	44.00	100	59	8.36
578	92	....do	Warp twill (a)	36.62	1.62	19.00	9.00	103	59	5.44
579	92	....do	Warp twill (a)	37.40	3.80	24.00	30.00	81	44	7.46
580	92	....do	Warp twill (a)	47.25	1.88	19.00	13.00	96	55	7.29
581	92	....do	Warp twill (a)	47.25	1.74	19.00	21.00	93	73	6.73
582	92	....do	Warp twill (a)	59.06	1.49	19.00	19.00	93	51	7.39

a Made in 1889.
b Spun silk.
c Not reported.
d Linings for shirt fronts; made in 1889.
e Made in 1888.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

J.—SPINNING AND WEAVING.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.]

Product number.	Establishment number.	Spinning.								Weaving.	
		Warp.				Weft.					
		Number of yarn.	Frame or mule. Which?	Frame or mule. Average spindles to each.	Pounds per spindle per day of ten hours.	Number of yarn.	Frame or mule. Which?	Frame or mule. Average spindles to each.	Pounds per spindle per day of ten hours.	Picks per minute.	Yards per loom per day of ten hours.
1	68	16.25	Frame	160	.3930	18.25	Frame	160	.4030	154	64.00
2	43	20.00	Frame	144	.2865	20.00	Frame	144	.2865	148	41.67
3	96									160	17.66
4	19	44.00	Frame	224	.0914	62.00	Mule	736	.0583	150	16.70
5	80	36.00	(a)	(a)	.1524	50.00	(a)	(a)	.1080	150	17.79
6	57	30.00	Frame	204	(a)	40.00	Frame	204	(a)	164	30.72
7	47	16.00	Frame	208	(a)	16.00	Frame	192	(a)	140	40.91
8	47	16.00	Frame	208	(a)	16.00	Frame	192	(a)	140	39.39
9	67	14.00	Frame	230	.4167	14.00	Frame	230	.4167	142	35.90
10	64	22.00	(a)	(a)	(a)	22.00	(a)	(a)	(a)	140	(a)
11	13	5.00	Frame	208	1.1100	5.00	Frame	208	1.1100	130	56.67
12	92									180	53.94
13	91	31.00	(a)	(a)	(a)	42.00	(a)	(a)	(a)	215	54.33
14	92									180	53.94
15	92									180	46.60
16	92									180	50.00
17	92									180	44.35
18	91	16.00	(a)	(a)	(a)	21.00	(a)	(a)	(a)	215	54.33
19	92									180	44.35
20	92									180	57.31
21	92									180	53.94
22	92									180	53.89
23	92									170	26.20
24	92									170	19.68
25	92									170	27.31
26	92									180	44.35
27	92									165	40.65
28	92									160	39.44
29	92									156	23.15
30	92									160	74.07
31	92									140	34.49
32	92									130	32.04
33	92									130	19.44
34	92									160	33.52
35	92									120	33.33
36	85									124	16.00
37	85									124	16.00
38	79	11.00	(a)	(a)	.5000	10.00	(a)	(a)	.4000	160	48.00
39	47	16.00	Frame	208	(a)	16.00	Frame	192	(a)	170	43.94
40	85	20.00	(a)	(a)	.3100	12.00	(a)	(a)	.2286	124	45.00
41	85	20.00	(a)	(a)	.3100	12.00	(a)	(a)	.2286	124	40.00
42	57	23.00	Frame	204	(a)	12.50	Frame	204	(a)	164	53.33
43	58	20.00	Frame	208	.4896	13.00	Frame	208	.6522	150	50.72
44	59	20.00	Frame	204	.1964	14.00	Frame	204	.4327	160	46.97
45	64	22.00	(a)	(a)	(a)	11.00	(a)	(a)	(a)	140	(a)
46	49	13.60	Frame	160	.5000	7.00	Frame	144	1.0000	170	39.75
47	49	13.60	Frame	160	.5000	10.00	Frame	160	.6900	170	43.46
48	27	21.50	Frame	180	.2810	14.50	Mule	617	(a)	157	(a)
49	27	25.00	Frame	180	.2050	15.50	Mule	617	(a)	155	(a)
50	27	21.50	Frame	180	.2810	15.00	Both	(b)	(c)	155	(a)
51	27	21.50	Frame	180	.2810	14.50	Mule	617	(a)	145	(a)
52	27	21.50	Frame	180	.2810	11.80	Mule	617	(a)	145	(a)
53	27	25.00	Frame	180	.2050	8.75	Mule	617	(a)	155	(a)
54	27	21.50	Frame	180	.2810	8.50	Mule	617	(a)	155	(a)
55	27	19.00	Frame	180	.2790	5.50	Mule	617	(a)	155	(a)
56	27	19.00	Frame	180	.2790	8.42	Mule	617	(a)	155	(a)
57	27	19.00	Frame	180	.2790	2.90	Mule	617	(a)	155	(a)

a Not reported.
b Per frame, 180; per mule, 617.
c On frames, 0.4080; on mules, not reported.

TABLE I.—COST OF PRODUCTION OF COTTON TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

J.—SPINNING AND WEAVING—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.]

Product number.	Establishment number.	Spinning.								Weaving.	
		Warp.				Weft.					
			Frame or mule.				Frame or mule.				
		Number of yarn.	Which?	Average spindles to each.	Pounds per spindle per day of ten hours.	Number of yarn.	Which?	Average spindles to each.	Pounds per spindle per day of ten hours.	Picks per minute.	Yards per loom per day of ten hours.
58	27	21.50	Frame	180	.2810	15.00	Both..	(a)	(b)	155	(c)
59	99									180	20.58
60	76									140	(c)
61	63	14.00	Frame	177	(c)	14.00	Frame	207	(c)	170	42.61
62	63	14.00	Frame	177	(c)	13.00	Frame	207	(c)	170	42.61
63	50	14.50	Frame	212	(c)	16.00	Frame	212	(c)	180	48.18
64	70	12.25	Frame	200	(c)	15.75	Frame	204	(c)	148	41.42
65	61	12.50	Frame	160	.5682	13.50	Frame	160	.5118	185	(c)
66	62	13.00	Frame	180	.5582	15.00	Frame	168	.5091	180	63.64
67	67	14.00	Frame	230	.4167	14.00	Frame	230	.4167	142	33.87
68	60	12.75	Frame	162	.4945	13.00	Mule	675	(c)	165	56.36
69	12	11.00	Frame	144	.6250	11.00	Frame	144	.7300	150	30.00
70	60	16.00	Frame	162	(a)	16.00	Mule	675	(c)	165	47.73
71	65	12.33	(c)	(c)	(c)	15.50	(c)	(c)	(c)	(c)	49.09
72	10	12.00	Frame	204	(c)	12.00	Frame	204	.6750	150	40.00
73	22	13.50	Frame	244	(c)	13.25	Mule	816	(c)	180	(c)
74	23	12.50	Frame	162	(c)	12.50	Mule	1,200	(c)	160	43.00
75	64	14.00	(c)	(c)	(c)	13.00	(c)	(c)	(c)	170	(c)
76	11	20.00	Frame	160	.2800	22.00	Frame	160	.2700	166	55.00
77	6	22.00	Frame	147	(c)	18.00	Mule	707	(c)	153	62.40
78	42	17.50	Frame	176	(c)	20.00	Frame	176	(c)	170	45.45
79	61	12.50	Frame	160	.5682	13.50	Frame	160	.5118	185	48.48
80	69	15.00	Frame	240	.3500	22.00	Frame	180	.2000	150	46.83
81	49	13.60	Frame	160	.5000	28.00	Frame	208	.2110	170	49.83
82	46	18.50	Frame	211	.3125	19.50	Frame	211	.3409	160	52.12
83	60	12.75	Frame	162	.4945	14.60	Mule	675	(c)	165	61.82
84	65	12.25	(c)	(c)	(c)	20.75	(c)	(c)	(c)	(c)	52.73
85	51	16.13	Frame	166	(c)	19.42	Frame	166	(c)	185	47.27
86	50	14.50	Frame	212	(c)	16.00	Frame	212	(c)	180	48.18
87	63	14.00	Frame	177	(c)	15.00	Frame	207	(c)	170	44.35
88	42	13.00	Frame	176	(c)	16.00	Frame	176	(c)	170	45.45
89	44	14.00	Frame	170	.4964	14.00	Frame	192	.4964	175	47.27
90	45	12.50	Frame	194	.3125	13.50	Frame	201	.3693	160	55.15
91	49	13.60	Frame	160	.5000	14.25	Frame	208	.4850	170	48.08
92	60	12.75	Frame	162	.4945	13.00	Mule	675	(c)	165	56.36
93	90	12.50	Frame	(c)	.3196	13.50	Frame	(c)	.3551	160	50.82
94	65	12.33	(c)	(c)	(c)	14.00	(c)	(c)	(c)	(c)	45.45
95	49	12.00	Frame	144	.5625	14.25	Frame	208	.4850	170	44.83
96	27	12.75	Frame	180	.4150	13.75	(a)	(c)	(c)	148	(c)
97	70	12.25	Frame	200	(c)	18.00	Frame	204	(c)	148	40.22
98	39	13.70	Frame	198	.5030	16.10	Frame	208	.4821	168	56.52
99	47	13.00	Frame	208	(c)	16.50	Frame	192	(c)	170	51.52
100	61	12.50	Frame	160	.5682	13.50	Frame	160	.5118	185	54.54
101	11	20.00	Frame	160	.2800	22.00	Frame	160	.2700	166	55.00
102	40	14.75	Frame	(c)	(c)	15.00	Frame	(c)	(c)	170	(c)
103	91	18.00	(c)	(c)	(c)	15.00	(c)	(c)	(c)	215	70.17
104	62	13.00	Frame	180	.5582	15.00	Frame	168	.5091	180	62.73
105	92									180	40.60
106	52	13.00	Frame	(c)	(c)	13.50	Frame	(c)	(c)	160	45.45
107	92									180	20.83
108	92									180	74.31
109	11	18.00	Frame	160	.3000	20.00	Frame	160	.2900	166	55.60
110	42	17.50	Frame	176	(c)	20.00	Frame	176	(c)	170	45.45
111	9	16.00	Frame	152	.2140	19.00	Frame	152	.2110	160	36.00
112	70	16.50	Frame	224	(a)	20.00	Frame	204	(c)	148	52.42
113	49	13.60	Frame	160	.5000	16.00	Frame	160	.4120	170	51.86
114	90	12.50	Frame	(c)	.3196	13.50	Frame	(c)	.3551	160	50.82
115	44	14.00	Frame	170	.4964	14.00	Frame	192	.4964	175	47.27
116	45	12.50	Frame	194	.3125	13.50	Frame	201	.3693	160	55.15
117	60	12.75	Frame	162	.4945	13.00	Mule	675	(c)	146	50.00

a Per frame, 180; per mule, 617.
b On frames, 0.4080; on mules, not reported.
c Not reported.

TABLE I.—COST OF PRODUCTION OF COTTON TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

J.—SPINNING AND WEAVING—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.]

Product number.	Establishment number.	Spinning.								Weaving.	
		Warp.				Weft.					
		Number of yarn.	Frame or mule. Which?	Frame or mule. Average spindles to each.	Pounds per spindle per day of ten hours.	Number of yarn.	Frame or mule. Which?	Frame or mule. Average spindles to each.	Pounds per spindle per day of ten hours.	Picks per minute.	Yards per loom per day of ten hours.
118	61	12.50	Frame	160	.5682	13.50	Frame	160	.5118	158	54.85
119	44	14.00	Frame	170	.4964	14.00	Frame	192	.4964	175	45.45
120	47	10.00	Frame	208	(a)	12.00	Frame	192	(a)	160	45.45
121	47	10.00	Frame	208	(a)	10.40	Frame	192	(a)	160	45.45
122	30	40.00	Frame	150	.0782	35.00	Mule	689	.1282	164	20.30
123	4	30.00	Frame	132	.1630	36.00	Both	(b)	.1307	135	21.97
124	47	13.00	Frame	208	(a)	12.00	Frame	192	(a)	140	46.97
125	47	13.00	Frame	208	(a)	16.50	Frame	192	(a)	140	40.91
126	70	12.25	Frame	200	(a)	7.75	Frame	204	(a)	148	61.76
127	70	12.25	Frame	200	(a)	5.25	Frame	204	(a)	148	61.76
128	70	12.25	Frame	200	(a)	7.75	Frame	200	(a)	148	82.97
129	10	10.00	Frame	204	.6660	12.00	Frame	204	.6750	140	40.00
130	70	12.25	Frame	200	(a)	7.75	Frame	204	(a)	148	61.76
131	12	11.00	Frame	144	.6250	11.00	Frame	144	.7300	140	50.00
132	13	10.50	Frame	208	.7560	7.25	Frame	208	.8650	130	50.00
133	47	7.50	Frame	208	(a)	3.00	Frame	192	(a)	170	48.48
134	13	10.50	Frame	208	.7560	7.25	Frame	208	.8650	130	50.00
135	12	11.00	Frame	144	.6250	11.00	Frame	144	.7300	150	40.00
136	47	13.00	Frame	208	(a)	13.00	Frame	192	(a)	150	46.97
137	49	13.60	Frame	160	.5000	10.00	Frame	160	.6900	170	70.95
138	13	10.50	Frame	208	.7560	7.25	Frame	208	.8650	130	50.00
139	70	12.25	Frame	200	(a)	6.00	Frame	204	(a)	130	49.84
140	47	13.00	Frame	208	(a)	13.00	Frame	192	(a)	140	43.94
141	70	12.25	Frame	200	(a)	5.25	Frame	204	(a)	130	49.84
142	47	13.00	Frame	208	(a)	13.00	Frame	192	(a)	140	36.36
143	47	13.00	Frame	208	(a)	13.00	Frame	192	(a)	140	33.33
144	27	25.00	Frame	180	.2050	19.50	Frame	180	.3530	157	(a)
145	27	25.00	Frame	180	.2050	19.50	Frame	180	.3530	157	(a)
146	27	25.00	Frame	180	.2050	15.00	Both	(c)	(d)	157	(a)
147	27	21.50	Frame	180	.2810	6.50	Mule	617	(a)	157	(a)
148	27	25.00	Frame	180	.2050	12.50	Mule	617	(a)	157	(a)
149	27	21.50	Frame	180	.2810	12.50	Mule	617	(a)	157	(a)
150	27	21.50	Frame	180	.2810	9.75	Mule	617	(a)	157	(a)
151	27	21.50	Frame	180	.2810	11.75	Mule	617	(a)	157	(a)
152	27	21.50	Frame	180	.2810	11.75	Mule	617	(a)	157	(a)
153	27	21.50	Frame	180	.2810	9.75	Mule	617	(a)	157	(a)
154	27	21.50	Frame	180	.2810	7.80	Mule	617	(a)	157	(a)
155	27	21.50	Frame	180	.2810	5.50	Mule	617	(a)	155	(a)
156	27	25.00	Frame	180	.2050	13.50	Both	(c)	(e)	155	(a)
157	27	21.50	Frame	180	.2810	9.75	Mule	617	(a)	155	(a)
158	27	19.00	Frame	180	.2790	3.50	Mule	617	(a)	145	(a)
159	27	19.00	Frame	180	.2790	3.90	Mule	617	(a)	155	(a)
160	27	25.00	Frame	180	.2050	10.65	Mule	617	(a)	155	(a)
161	27	21.50	Frame	180	.2810	6.50	Mule	617	(a)	145	(a)
162	66	14.50	Frame	205	(a)	14.50	Frame	205	(a)	(a)	43.64
163	94									(a)	39.82
164	83									134	42.00
165	79	22.00	(a)	(a)	.2500	30.00	(a)	(a)	.1800	150	40.00
166	8	27.00	Frame	164	.2000	27.00	Frame	164	.2000	144	38.00
167	66	14.50	Frame	205	(a)	14.50	Frame	205	(a)	(a)	40.91
168	94									(a)	26.99
169	77	65.00	(a)	(a)	.0610	75.00	(a)	(a)	.0477	165	40.00
170	77	80.00	(a)	(a)	.0436	100.00	(a)	(a)	.0324	165	(a)
171	96									160	(a)
172	82	16.00	(a)	(a)	(a)	7.00	(a)	(a)	(a)	140	32.00
173	85									124	25.00

a Not reported.
b Per frame, 132; per mule, 646.
c Per frame, 180; per mule, 617.
d On frames, 0.4080; on mules, not reported.
e On frames, 0.4140; on mules, not reported.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

J.—SPINNING AND WEAVING—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.]

Product number.	Establishment number.	Spinning.								Weaving.	
		Warp.				Weft.					
		Number of yarn.	Frame or mule. Which?	Frame or mule. Average spindles to each.	Pounds per spindle per day of ten hours.	Number of yarn.	Frame or mule. Which?	Frame or mule. Average spindles to each.	Pounds per spindle per day of ten hours.	Picks per minute.	Yards per loom per day of ten hours.
174	80	28.00	(a)	(a)	.2147	41.00	(a)	(a)	.1330	155	45.45
175	66	26.50	Frame	205	(a)	40.00	Frame	205	(a)	(a)	62.73
176	66	25.50	Frame	205	(a)	34.50	Frame	205	(a)	(a)	52.73
177	66	25.50	Frame	205	(a)	34.50	Frame	205	(a)	(a)	43.64
178	99									180	18.58
179	30	40.00	Frame	150	.0782	44.00	Mule	680	.1021	166	42.27
180	41	5.50	Frame	156	(a)	6.00	Frame	156	(a)	160	(a)
181	52	8.00	Frame	(a)	(a)	8.00	Frame	(a)	(a)	170	72.64
182	52	8.00	Frame	(a)	(a)	6.50	Frame	(a)	(a)	170	72.64
183	41	8.00	Frame	156	(a)	8.50	Frame	156	(a)	160	(a)
184	52	8.50	Frame	(a)	(a)	7.75	Frame	(a)	(a)	170	72.64
185	52	6.00	Frame	(a)	(a)	7.00	Frame	(a)	(a)	170	68.18
186	49	5.50	Frame	144	1.5000	6.00	Frame	144	1.1250	170	50.55
187	52	5.75	Frame	(a)	(a)	5.50	Frame	(a)	(a)	170	68.18
188	66	6.00	Frame	205	(a)	5.50	Frame	205	(a)	(a)	45.45
189	41	5.50	Frame	156	(a)	6.00	Frame	156	(a)	160	(a)
190	13	8.00	Frame	208	.8200	7.25	Frame	208	.8650	130	53.33
191	38	20.00	Both..	(b)	(c)	20.00	Frame	192	.3500	125	54.33
192	78	60.00	(a)	(a)	(a)	82.00	(a)	(a)	(a)	(a)	(a)
193	92									156	18.61
194	92									156	20.37
195	92									150	27.41
196	92									150	17.36
197	92									150	22.22
198	92									150	16.30
199	92									150	13.89
200	92									145	18.98
201	92									145	24.63
202	93									155	d 13.00
203	66	14.50	Frame	205	(a)	14.50	Frame	205	(a)	(a)	50.09
204	64	14.00	(a)	(a)	(a)	14.00	(a)	(a)	(a)	140	(e)
205	56									140	51.52
206	64	14.00	(a)	(a)	(a)	14.00	(a)	(a)	(a)	140	(a)
207	47	16.00	Frame	208	(a)	16.00	Frame	192	(a)	140	43.94
208	84									132	55.00
209	66	10.50	Frame	205	(a)	10.50	Frame	205	(a)	(a)	(a)
210	67	14.00	Frame	230	.4167	14.00	Frame	230	.4167	142	45.39
211	66	14.50	Frame	205	(a)	14.50	Frame	205	(a)	(a)	40.00
212	66	14.50	Frame	205	(a)	14.50	Frame	205	(a)	(a)	37.27
213	47	16.00	Frame	208	(a)	16.00	Frame	192	(a)	140	40.91
214	55	12.00	Frame	198	.5252	13.00	Frame	198	.5087	130	47.83
215	53	15.00	Frame	208	.4545	15.00	Frame	208	.4545	140	51.82
216	33	28.20	Frame	160	.1570	40.20	Mule	608	.1006	170	43.77
217	31	28.00	Frame	160	.1665	40.00	Mule	608	.1149	170	43.77
218	81	28.00	Frame	(a)	.1822	36.00	Mule	(a)	.1442	160	(a)
219	14	29.00	Frame	240	.1822	37.00	Mule	612	.1442	175	44.83
220	20	28.00	Both..	(e)	(f)	36.00	Mule	612	.1505	170	43.40
221	2	28.00	Frame	160	.1666	36.00	Both..	(g)	(h)	175	39.73
222	15	28.00	Both..	(i)	(j)	36.00	Mule	760	.1186	180	42.00
223	16	28.00	Frame	228	.1996	37.00	Both..	(k)	(l)	188	47.17

a Not reported.
b Per frame, 192; per mule, 600.
c On frames, 0.3500; on mules, 0.2430.
d Hours per day not reported.
e Per frame, 176; per mule, 536.
f On frames, 0.2240; on mules, 0.1617.
g Per frame, 160; per mule, 724.
h On frames, 0.1598; on mules, 0.0971.
i Per frame, 240; per mule, 720.
j On frames, 0.1866; on mules, 0.1846.
k Per frame, 185; per mule, 800.
l On frames, 0.1768; on mules, 0.1347.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

J.—SPINNING AND WEAVING—Continued.

[Establishments numbered 1 to 33, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.]

Product number.	Establishment number.	Spinning.								Weaving.	
		Warp.				Weft.					
			Frame or mule.				Frame or mule.				
		Number of yarn.	Which?	Average spindles to each.	Pounds per spindle per day of ten hours.	Number of yarn.	Which?	Average spindles to each.	Pounds per spindle per day of ten hours.	Picks per minute.	Yards per loom per day of ten hours.
224	17	28.00	Frame	240	.2080	36.00	Frame	240	.1880	200	51.44
225	18	28.00	Frame	208	.1687	36.00	Both..	(a)	(b)	168	39.17
226	34	28.50	Frame	192	.1575	38.50	Mule .	662	.1078	160	35.55
227	30	28.00	Frame	150	.1138	34.50	Mule .	689	.1303	170	43.43
228	29	26.66	Frame	109	.0709	36.84	Mule .	477	.0710	150	34.10
229	25	28.00	Frame	160	(c)	36.15	Mule .	723	(c)	165	40.33
230	25	28.32	Frame	160	(c)	34.17	Mule .	723	(c)	165	(c)
231	25	28.00	Frame	160	(c)	28.00	Mule .	723	(c)	165	(c)
232	24	28.00	Frame	208	.2083	36.00	Both..	(d)	.1430	170	(c)
233	71									195	60.83
234	93									175	(e) 39.37
235	25	30.65	Frame	160	(c)	45.40	Mule .	723	(c)	165	22.08
236	95									210	47.22
237	72									170	39.65
238	26	28.00	Frame	248	.2012	33.00	Mule .	766	.1484	150	32.50
239	30	35.00	Frame	150	.0911	35.00	Mule .	689	.1282	166	27.65
240	25	28.36	Frame	160	(c)	36.45	Mule .	723	(c)	165	35.08
241	96									185	26.55
242	71									190	43.33
243	2	28.00	Frame	160	.1666	36.00	Both..	(f)	(g)	175	37.93
244	2	28.00	Frame	160	.1666	36.00	Both..	(f)	(g)	175	33.84
245	71									175	32.50
246	30	28.00	Frame	150	.1138	39.00	Mule .	689	.1152	170	26.50
247	76									160	(c)
248	92									175	22.13
249	30	28.00	Frame	150	.1138	45.00	Mule .	689	.0998	166	19.18
250	80	30.00	(c)	(c)	.1907	50.00	(c)	(c)	.1080	150	19.54
251	80	28.00	(c)	(c)	.2147	32.00	(c)	(c)	.1740	160	26.20
252	97									200	14.16
253	98	50.00	(c)	(c)	(c)	60.00	(c)	(c)	(c)	195	15.93
254	92									170	18.29
255	92									170	23.61
256	92									170	25.23
257	92									170	14.20
258	92									170	17.68
259	92									170	30.93
260	92									170	15.74
261	92									170	35.56
262	92									170	50.93
263	27	21.50	Frame	180	.2810	9.00	Mule .	617	(c)	155	(c)
264	88	40.00	Frame	192	.1500	62.00	Mule .	744	.0613	148	12.66
265	87	33.00	Frame	154	.1550	44.00	Mule .	743	.0860	136	13.05
266	88	40.00	Frame	192	.1500	45.00	Mule .	744	.0898	148	16.30
267	80	30.00	(c)	(c)	.1907	50.00	(c)	(c)	.1080	150	18.27
268	80	28.00	(c)	(c)	.2147	32.00	(c)	(c)	.1740	150	25.86
269	92									165	42.71
270	88	40.00	Frame	192	.1500	47.00	Mule .	744	.0881	144	22.58
271	77	45.00	(c)	(c)	.1002	50.00	(c)	(c)	.0754	150	18.00
272	92									140	14.58
273	92									145	18.89
274	5	28.00	Frame	135	.1444	36.00	Mule .	704	.1300	145	(c)
275	11	20.00	Frame	160	.2800	19.00	Frame	160	.3000	166	55.00
276	16	28.00	Frame	228	.1996	37.00	Both..	(h)	(i)	188	84.66
277	16	28.00	Frame	228	.1996	37.00	Both..	(h)	(i)	188	70.00

a Per frame, 178; per mule, 576.
b On frames, 0.1494; on mules, 0.1326.
c Not reported.
d Per frame, 208; per mule, 720.
e Hours per day not reported.
f Per frame, 160; per mule, 724.
g On frames, 0.1598; on mules, 0.0971.
h Per frame, 185; per mule, 800.
i On frames, 0.1768; on mules, 0.1347.

TABLE I.—COST OF PRODUCTION OF COTTON TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

J.—SPINNING AND WEAVING—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.]

Product number.	Establishment number.	Spinning.								Weaving.	
		Warp.				Weft.					
		Number of yarn.	Frame or mule. Which?	Frame or mule. Average spindles to each.	Pounds per spindle per day of ten hours.	Number of yarn.	Frame or mule. Which?	Frame or mule. Average spindles to each.	Pounds per spindle per day of ten hours.	Picks per minute.	Yards per loom per day of ten hours.
278	11	22.00	Frame	160	.2600	26.00	Frame	160	.2200	166	55.00
279	11	20.00	Frame	160	.2800	19.00	Frame	160	.3000	166	55.00
280	60	12.75	Frame	162	.4945	14.60	Mule	675	(a)	165	61.82
281	16	28.00	Frame	228	.1996	37.00	Both	(b)	(c)	188	70.12
282	65	18.00	(a)	(a)	(a)	21.00	(a)	(a)	(a)	(a)	40.91
283	48	20.00	Mule	732	(a)	17.00	Frame	208	(a)	165	(a)
284	47	16.00	Frame	208	(a)	20.00	Frame	192	(a)	160	50.00
285	65	15.50	(a)	(a)	(a)	19.50	(a)	(a)	(a)	(a)	46.36
286	68	16.25	Frame	160	.3930	18.25	Frame	160	.4030	154	48.00
287	60	12.75	Frame	162	.4945	14.60	Mule	675	(a)	165	61.82
288	60	12.75	Frame	162	.4945	13.00	Mule	675	(a)	165	61.82
289	61	12.50	Frame	160	.5682	15.00	Frame	160	.4545	185	55.00
290	60	12.75	Frame	162	.4945	13.00	Mule	675	(a)	165	56.36
291	63	14.00	Frame	177	(a)	13.00	Frame	207	(a)	170	46.96
292	30	38.00	Frame	150	.0839	42.00	Mule	689	.1075	166	20.81
293	11	20.00	Frame	160	.2800	24.00	Frame	160	(a)	166	55.00
294	16	28.00	Frame	228	.1996	37.00	Both	(b)	(c)	188	46.66
295	68	16.25	Frame	160	.3930	18.25	Frame	160	.4030	154	48.00
296	11	20.00	Frame	160	.2800	21.00	Frame	160	.2800	166	55.00
297	91	15.00	(a)	(a)	(a)	17.00	(a)	(a)	(a)	215	70.17
298	65	13.25	(a)	(a)	(a)	19.50	(a)	(a)	(a)	(a)	48.18
299	65	14.00	(a)	(a)	(a)	15.50	(a)	(a)	(a)	(a)	45.45
300	66	14.00	Frame	205	(a)	15.50	Frame	205	(a)	(a)	40.00
301	66	14.00	Frame	205	(a)	15.50	Frame	205	(a)	(a)	40.00
302	23	25.00	Frame	162	(a)	25.00	Mule	1,280	(a)	153	34.50
303	27	21.50	Frame	180	.2810	22.25	Mule	617	(a)	155	(a)
304	68	13.00	Frame	160	.4470	13.00	Frame	160	.5230	154	48.00
305	16	28.00	Frame	228	.1996	37.00	Both	(b)	(c)	178	142.50
306	16	28.00	Frame	228	.1996	37.00	Both	(b)	(c)	178	118.60
307	16	28.00	Frame	228	.1996	37.00	Both	(b)	(c)	178	101.66
308	16	28.00	Frame	228	.1996	37.00	Both	(b)	(c)	178	89.00
309	11	20.00	Frame	160	.2800	23.00	Frame	160	.2700	166	55.00
310	49	27.00	Frame	208	.2188	27.00	Frame	208	.2110	170	57.30
311	49	28.00	Frame	208	.2188	28.00	Frame	208	.2110	156	41.98
312	64	22.00	(a)	(a)	(a)	26.00	(a)	(a)	(a)	170	(a)
313	49	18.00	Frame	208	.3750	35.00	Frame	208	.1520	170	56.44
314	57	28.00	Frame	204	(a)	34.00	Frame	204	(a)	164	40.87
315	48	20.00	Mule	732	(a)	30.00	Frame	208	(a)	165	(a)
316	21	28.50	(a)	(a)	(a)	33.00	(a)	(a)	(a)	155	37.00
317	46	18.50	Frame	211	.3125	19.50	Frame	211	.3409	160	65.61
318	89	21.00	Frame	(a)	(a)	22.00	Frame	(a)	(a)	175	51.82
319	4	30.00	Frame	132	.1630	36.00	Both	(d)	.1307	134	22.67
320	65	18.00	(a)	(a)	(a)	21.00	(a)	(a)	(a)	(a)	42.73
321	49	18.00	Frame	203	.3750	20.00	Frame	208	.3150	156	52.51
322	66	18.00	Frame	205	(a)	21.00	Frame	205	(a)	(a)	41.36
323	66	18.00	Frame	205	(a)	21.00	Frame	205	(a)	(a)	41.36
324	64	22.00	(a)	(a)	(a)	23.00	(a)	(a)	(a)	170	(a)
325	49	18.00	Frame	208	.3750	20.00	Frame	208	.3150	156	51.62
326	46	18.50	Frame	211	.3125	19.50	Frame	211	.3409	160	53.33
327	69	15.00	Frame	240	.3500	19.00	Frame	180	.2500	150	45.83
328	21	20.50	(a)	(a)	(a)	22.00	(a)	(a)	(a)	160	41.60
329	23	21.00	Frame	162	(a)	22.00	Both	(e)	(a)	157	36.50
330	40	18.00	Frame	(a)	(a)	18.00	Frame	(a)	(a)	170	(a)
331	42	17.50	Frame	176	(a)	20.00	Frame	176	(a)	152	45.45
332	46	18.50	Frame	211	.3125	19.50	Frame	211	.3409	160	48.94

a Not reported.
b Per frame, 185; per mule, 800.
c On frames, 0.1768; on mules, 0.1347.
d Per frame, 132; per mule, 646.
e Per frame, 162; per mule, 1,400.

TABLE I.—COST OF PRODUCTION OF COTTON TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

J.—SPINNING AND WEAVING—Continued.

[Establishments numbered 1 to 33, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.]

Product number.	Establishment number.	Spinning.								Weaving.	
		Warp.				Weft.					
		Number of yarn.	Frame or mule. Which?	Frame or mule. Average spindles to each.	Pounds per spindle per day of ten hours.	Number of yarn.	Frame or mule. Which?	Frame or mule. Average spindles to each.	Pounds per spindle per day of ten hours.	Picks per minute.	Yards per loom per day of ten hours.
333	48	20.00	Mule	732	(a)	24.00	Frame	208	(a)	165	(a)
334	49	18.00	Frame	208	.3750	20.00	Frame	208	.3150	156	47.40
335	49	18.00	Frame	208	.3750	35.00	Frame	208	.1520	170	40.00
336	51	16.13	Frame	166	(a)	19.42	Frame	166	(a)	170	55.45
337	64	21.00	(a)	(a)	(a)	23.00	(a)	(a)	(a)	170	(a)
338	65	15.50	(a)	(a)	(a)	18.50	(a)	(a)	(a)	(a)	45.45
339	68	16.25	Frame	160	.3930	18.25	Frame	160	.4030	154	48.00
340	69	15.00	Frame	240	.3500	19.00	Frame	180	.2500	150	46.00
341	1	28.00	Frame	160	.1816	32.00	Mule	636	.1287	150	22.85
342	49	18.00	Frame	208	.3750	20.00	Frame	208	.3150	156	48.54
343	42	17.50	Frame	176	(a)	11.00	Frame	176	(a)	152	45.45
344	69	15.00	Frame	240	.3500	19.00	Frame	180	.2500	150	51.17
345	50	20.00	Frame	212	(a)	21.00	Frame	212	(a)	170	31.82
346	54	14.00	Frame	208	.4609	16.00	Frame	208	.4000	160	48.70
347	60	12.75	Frame	162	.4945	14.60	Mule	675	(a)	146	55.45
348	21	20.00	(a)	(a)	(a)	25.50	(a)	(a)	(a)	160	33.00
349	22	20.00	Frame	244	(a)	22.00	Mule	816	(a)	160	35.00
350	27	19.00	Frame	180	.2790	24.75	Frame	180	.2690	145	(a)
351	64	14.00	(a)	(a)	(a)	17.00	(a)	(a)	(a)	170	(a)
352	21	14.50	(a)	(a)	(a)	17.50	(a)	(a)	(a)	160	47.00
353	50	14.50	Frame	212	(a)	16.00	Frame	212	(a)	170	49.09
354	54	14.00	Frame	208	.4609	16.00	Frame	208	.4000	160	45.22
355	40	14.75	Frame	187	(a)	15.00	Frame	187	(a)	170	(a)
356	52	13.00	Frame	a)	(a)	13.50	Frame	(a)	(a)	160	50.91
357	47	13.00	Frame	208	(a)	13.00	Frame	192	(a)	160	46.97
358	61	12.50	Frame	160	.5682	13.50	Frame	160	.5118	168	63.43
359	30	13.70	Frame	198	.5030	16.10	Frame	208	.4821	168	56.52
360	42	13.00	Frame	176	(a)	15.00	Frame	176	(a)	152	45.45
361	63	14.00	Frame	177	(a)	13.00	Frame	207	(a)	170	49.57
362	60	12.75	Frame	162	.4945	10.75	Mule	675	(a)	165	61.82
363	60	12.75	Frame	162	.4945	15.00	Mule	675	(a)	146	55.45
364	47	13.00	Frame	208	(a)	13.00	Frame	192	(a)	160	48.48
365	67	14.00	Frame	230	.4167	14.00	Frame	230	.4167	160	37.25
366	61	12.50	Frame	160	.5682	13.50	Frame	160	.5118	158	55.61
367	65	12.33	(a)	(a)	(a)	14.50	(a)	(a)	(a)	(a)	43.64
368	21	15.00	(a)	(a)	(a)	16.50	(a)	(a)	(a)	160	42.00
369	44	14.00	Frame	170	.4964	14.00	Frame	192	.4964	175	47.27
370	45	12.50	Frame	194	.3125	13.50	Frame	201	.3693	160	51.21
371	49	13.60	Frame	160	.5000	14.25	Frame	208	.4350	156	45.34
372	52	13.00	Frame	(a)	(a)	13.50	Frame	(a)	(a)	160	50.00
373	62	13.00	Frame	180	.5582	15.00	Frame	168	.5091	156	52.73
374	63	14.00	Frame	177	(a)	13.00	Frame	207	(a)	170	46.96
375	60	12.75	Frame	162	.4945	10.75	Mule	675	(a)	146	50.00
376	70	12.25	Frame	200	(a)	18.00	Frame	204	(a)	148	52.42
377	12	11.00	Frame	144	.6250	12.00	Frame	144	(a)	140	40.00
378	23	12.50	Frame	162	(a)	12.50	Mule	1,200	(a)	156	39.50
379	28	12.50	Frame	202	.5400	13.00	Frame	202	.5080	155	47.11
380	46	10.50	Frame	211	.5682	11.50	Frame	211	.6250	160	57.73
381	63	14.00	Frame	177	(a)	12.00	Frame	207	(a)	170	44.35
382	65	12.33	(a)	(a)	(a)	12.60	(a)	(a)	(a)	(a)	41.82
383	70	12.25	Frame	200	(a)	18.00	Frame	204	(a)	148	43.65
384	21	13.00	(a)	(a)	(a)	13.50	(a)	(a)	(a)	160	48.00
385	70	12.25	Frame	200	(a)	18.00	Frame	204	(a)	148	40.22
386	35	23.00	Frame	(a)	.1833	26.00	Mule	(a)	.1910	160	49.02
387	49	18.00	Frame	208	.3750	20.00	Frame	208	.3150	156	50.14
388	21	28.50	(a)	(a)	(a)	42.00	(a)	(a)	(a)	155	31.50
389	16	28.00	Frame	228	.1996	37.00	Both	(b)	(c)	178	40.00
390	6	28.43	Frame	147	(a)	39.45	Mule	707	(a)	153	34.68
391	21	28.50	(a)	(a)	(a)	33.00	(a)	(a)	(a)	155	35.00

a Not reported.
b Per frame, 185; per mule, 800.
c On frames, 0.1768; on mules, 0.1347.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

J.—SPINNING AND WEAVING—Continued.

[Establishments numbered 1 to 38, and 77 to 83 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.]

Product number.	Establishment number.	Spinning.								Weaving.	
		Warp.				Weft.					
		Number of yarn.	Frame or mule. Which?	Frame or mule. Average spindles to each.	Pounds per spindle per day of ten hours.	Number of yarn.	Frame or mule. Which?	Frame or mule. Average spindles to each.	Pounds per spindle per day of ten hours.	Picks per minute.	Yards per loom per day of ten hours.
392	54	25.00	Frame	208	.2357	25.00	Frame	208	.2322	160	34.78
393	37	22.00	Frame	160	.2951	27.00	Mule	756	.1819	147	24.96
394	44	14.00	Frame	170	.4964	14.00	Frame	192	.4964	175	45.45
395	5	28.00	Frame	135	.1444	36.00	Mule	704	.1300	150	(a)
396	5	28.00	Frame	135	.1444	36.00	Mule	704	.1300	150	(a)
397	54	14.00	Frame	208	.4609	16.00	Frame	208	.4000	160	78.26
398	4	30.00	Frame	132	.1630	36.00	Both	(b)	.1307	136	22.88
399	3	28.00	Frame	176	.1140	37.00	Mule	595	.0761	147	27.13
400	21	20.00	(a)	(a)	(a)	25.50	(a)	(a)	(a)	155	32.00
401	47	17.00	Frame	208	(a)	19.00	Frame	192	(a)	150	43.94
402	6	22.00	Frame	147	(a)	22.00	Mule	707	(a)	153	32.85
403	36	28.00	Frame	176	.1946	33.00	Mule	756	.1524	130	19.46
404	23	21.00	Frame	244	(a)	22.00	Mule	816	(a)	155	(a)
405	23	12.50	Frame	202	.5400	13.00	Frame	202	.5080	140	39.26
406	47	13.00	Frame	208	(a)	13.00	Frame	192	(a)	150	46.97
407	54	14.00	Frame	208	.4609	12.00	Frame	208	.5504	160	40.00
408	6	28.50	Frame	147	(a)	41.50	Mule	707	(a)	153	36.56
409	54	25.00	Frame	208	.2357	20.00	Frame	208	.3026	160	73.91
410	4	30.00	Frame	132	.1630	36.00	Both	(b)	.1307	134	23.24
411	54	25.00	Frame	208	.2357	25.00	Frame	208	.2322	160	25.22
412	36	22.00	Frame	176	.2640	25.00	Mule	756	.2278	135	28.28
413	21	20.50	(a)	(a)	(a)	26.00	(a)	(a)	(a)	155	22.50
414	5	28.00	Frame	135	.1444	39.00	Mule	704	(a)	145	(a)
415	92									156	27.08
416	4	30.00	Frame	132	.1630	36.00	Both	(c)	.1307	135	21.53
417	36	22.00	Frame	176	.2640	25.00	Mule	756	.2278	135	28.28
418	37	19.00	Frame	132	.3467	22.00	Mule	572	.2431	145	27.15
419	28	12.50	Frame	202	.5400	13.00	Frame	202	.5080	140	40.01
420	47	20.00	Frame	208	(a)	21.00	Frame	192	(a)	140	40.91
421	92									150	38.89
422	21	20.50	(a)	(a)	(a)	26.00	(a)	(a)	(a)	150	21.50
423	36	22.00	Frame	176	.2640	25.00	Mule	756	.2278	122	25.99
424	37	19.00	Frame	132	.3467	22.00	Mule	572	.2431	120	22.48
425	92									145	21.53
426	21	20.50	(a)	(a)	(a)	26.00	(a)	(a)	(a)	150	19.00
427	36	22.00	Frame	176	.2640	25.00	Mule	756	.2278	114	23.09
428	92									130	25.81
429	21	20.50	(a)	(a)	(a)	26.00	(a)	(a)	(a)	150	18.00
430	36	22.00	Frame	176	.2640	25.00	Mule	756	.2278	114	24.25
431	37	19.00	Frame	132	.3467	22.00	Mule	572	.2431	120	22.82
432	21	20.50	(a)	(a)	(a)	26.00	(a)	(a)	(a)	150	18.00
433	36	22.00	Frame	176	.2640	25.00	Mule	756	.2278	105	22.09
434	37	19.00	Frame	132	.3467	22.00	Mule	572	.2431	112	19.76
435	78	18.00	(a)	(a)	(a)	22.00	(a)	(a)	(a)	(a)	(a)
436	78	26.50	(a)	(a)	(a)	36.00	(a)	(a)	(a)	(a)	(a)
437	21	20.50	(a)	(a)	(a)	26.00	(a)	(a)	(a)	150	16.50
438	78	18.00	(a)	(a)	(a)	22.00	(a)	(a)	(a)	(a)	(a)
439	36	22.00	Frame	176	.2640	25.00	Mule	756	.2278	105	19.67
440	37	19.00	Frame	132	.3467	22.00	Mule	572	.2431	105	20.14
441	37	19.00	Frame	132	.3467	22.00	Mule	572	.2431	95	18.51
442	7	30.00	Frame	142	.1672	35.50	Both	(d)	(e)	140	(a)
443	1	28.00	Frame	160	.1816	32.00	Mule	636	.1287	150	21.28
444	26	28.00	Frame	248	.2012	33.00	Mule	766	.1484	156	26.69
445	1	28.00	Frame	160	.1816	32.00	Mule	636	.1287	150	19.60
446	21	20.50	(a)	(a)	(a)	26.00	(a)	(a)	(a)	153	21.50
447	7	30.00	Frame	142	.1672	35.50	Both	(d)	(e)	130	(a)
448	26	28.00	Frame	248	.2012	33.00	Mule	766	.1484	150	25.03

a Not reported.
b Per frame, 132; per mule, 646.
c Per frame, 172; per mule, 646.
d Per frame, 146; per mule 533.
e On frames, 0.1527; on mules, 0.1183.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

J.—SPINNING AND WEAVING—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.]

Product number.	Establishment number.	Spinning.								Weaving.	
		Warp.				Weft.					
			Frame or mule.				Frame or mule.				
		Number of yarn.	Which?	Average spindles to each.	Pounds per spindle per day of ten hours.	Number of yarn.	Which?	Average spindles to each.	Pounds per spindle per day of ten hours.	Picks per minute.	Yards per loom per day of ten hours.
449	21	20.50	(a)	(a)	(a)	26.00	(a)	(a)	(a)	155	22.50
450	7	30.00	Frame	142	.1672	35.50	Both..	(b)	(c)	130	(a)
451	26	28.00	Frame	248	.2012	33.00	Mule .	766	.1484	150	24.75
452	21	20.50	(a)	(a)	(a)	26.00	(a)	(a)	(a)	150	21.50
453	21	20.50	(a)	(a)	(a)	26.00	(a)	(a)	(a)	150	19.00
454	21	20.50	(a)	(a)	(a)	26.00	(a)	(a)	(a)	150	18.00
455	21	20.50	(a)	(a)	(a)	26.00	(a)	(a)	(a)	150	18.00
456	21	20.50	(a)	(a)	(a)	26.00	(a)	(a)	(a)	150	16.50
457	99	.....	.....	.....	.....	.....	.....	.....	.....	180	32.92
458	99	.....	.....	.....	.....	.....	.....	.....	.....	180	24.78
459	99	.....	.....	.....	.....	.....	.....	.....	.....	180	28.81
460	28	14.28	Frame	202	.5400	13.50	Frame	202	.5080	165	68.42
461	65	18.00	(a)	(a)	(a)	20.75	(a)	(a)	(a)	(a)	52.73
462	65	18.00	(a)	(a)	(a)	20.75	(a)	(a)	(a)	(a)	50.00
463	69	15.00	Frame	240	.3500	19.00	Frame	180	.2500	150	41.67
464	68	16.25	Frame	160	.3930	18.25	Frame	160	.4030	154	48.00
465	40	18.00	Frame	187	(a)	15.00	Frame	187	(a)	170	(a)
466	90	12.50	Frame	(a)	.3196	13.50	Frame	(a)	.3551	180	66.37
467	45	12.50	Frame	194	.3125	13.50	Frame	201	.3693	180	60.61
468	62	13.00	Frame	180	.5582	15.00	Frame	168	.5091	180	70.91
469	28	14.28	Frame	202	.5400	13.50	Frame	202	.5080	165	59.88
470	66	25.50	Frame	205	(a)	40.00	Frame	205	(a)	(a)	36.13
471	66	18.00	Frame	205	(a)	20.00	Frame	205	(a)	(a)	50.00
472	91	28.00	(a)	(a)	(a)	39.00	(a)	(a)	(a)	215	46.11
473	42	17.50	Frame	176	(a)	20.00	Frame	176	(a)	170	45.45
474	46	18.50	Frame	211	.3125	19.50	Frame	211	.3409	160	52.58
475	49	18.00	Frame	208	.3750	20.00	Frame	208	.3150	170	55.46
476	50	14.50	Frame	212	(a)	18.50	Frame	212	(a)	180	53.64
477	51	18.95	Frame	166	(a)	19.42	Frame	166	(a)	185	50.00
478	69	15.00	Frame	240	.3500	19.00	Frame	180	.2500	150	45.00
479	46	18.50	Frame	211	.3125	19.50	Frame	211	.3409	160	52.58
480	49	18.00	Frame	208	.3750	14.25	Frame	208	.4850	170	58.09
481	50	14.50	Frame	212	(a)	16.00	Frame	212	(a)	180	53.64
482	69	15.00	Frame	240	.3500	19.00	Frame	180	.2500	150	44.50
483	40	18.00	Frame	187	(a)	15.00	Frame	187	(a)	170	(a)
484	65	13.33	(a)	(a)	(a)	16.75	(a)	(a)	(a)	(a)	50.91
485	65	12.33	(a)	(a)	(a)	16.50	(a)	(a)	(a)	(a)	48.18
486	42	15.00	Frame	176	(a)	16.00	Frame	176	(a)	152	45.45
487	49	13.60	Frame	160	.5000	14.25	Frame	208	.4850	170	51.18
488	45	12.50	Frame	194	.3125	13.50	Frame	201	.3693	160	51.21
489	90	12.50	Frame	(a)	.3196	13.50	Frame	(a)	.3551	160	51.21
490	28	12.50	Frame	202	.5400	13.00	Frame	202	.5080	165	51.14
491	39	13.70	Frame	198	.5030	16.10	Frame	208	.4821	168	56.52
492	52	13.00	Frame	(a)	(a)	13.50	Frame	(a)	(a)	170	54.55
493	52	13.00	Frame	(a)	(a)	13.50	Frame	(a)	(a)	170	52.73
494	52	13.00	Frame	(a)	(a)	13.50	Frame	(a)	(a)	170	50.91
495	62	13.00	Frame	180	.5582	15.00	Frame	168	.5091	180	61.97
496	51	18.95	Frame	166	(a)	19.42	Frame	166	(a)	185	63.64
497	23	21.00	Frame	162	(a)	22.00	Both..	(d)	(a)	153	34.50
498	51	18.95	Frame	166	(a)	19.42	Frame	166	(a)	185	63.64
499	46	18.50	Frame	211	.3125	19.50	Frame	211	.3409	160	65.76
500	46	18.50	Frame	211	.3125	19.50	Frame	211	.3409	160	65.00
501	51	18.95	Frame	166	(a)	19.42	Frame	166	(a)	185	63.64
502	46	18.50	Frame	211	.3125	19.50	Frame	211	.3409	160	65.46
503	92	.....	.....	.....	.....	.....	.....	.....	.....	170	43.98
504	92	.....	.....	.....	.....	.....	.....	.....	.....	170	25.23
505	92	.....	.....	.....	.....	.....	.....	.....	.....	170	35.65
506	92	.....	.....	.....	.....	.....	.....	.....	.....	170	16.20
507	92	.....	.....	.....	.....	.....	.....	.....	.....	170	16.90

a Not reported.
b Per frame, 146; per mule, 533.
c On frames, 0.1527; on mules, 0.1186.
d Per frame 162; per mule, 1,400.

TABLE I.—COST OF PRODUCTION OF COTTON TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

J.—SPINNING AND WEAVING—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.]

Product number.	Establishment number.	Spinning.								Weaving.	
		Warp.				Weft.					
		Number of yarn.	Frame or mule. Which?	Frame or mule. Average spindles to each.	Pounds per spindle per day of ten hours.	Number of yarn.	Frame or mule. Which?	Frame or mule. Average spindles to each.	Pounds per spindle per day of ten hours.	Picks per minute.	Yards per loom per day of ten hours.
508	92									170	29.40
509	92									170	27.31
510	92									170	21.11
511	92									170	20.28
512	92									170	35.42
513	32	40.00	Frame	160	.1046	60.00	Mule	608	.0650	147	24.70
514	6	21.50	Frame	147	(a)	20.85	Mule	707	(a)	153	36.61
515	6	22.00	Frame	147	(a)	24.00	Mule	707	(a)	153	30.31
516	90	12.50	Frame	(a)	.3196	13.50	Frame	(a)	.3551	160	51.21
517	99									180	12.39
518	96									160	16.59
519	75	32.00	Frame	448	.1454	36.00	Mule	960	.1332	185	46.46
520	91	22.00	(a)	(a)	(a)	24.00	(a)	(a)	(a)	215	66.04
521	72									170	29.50
522	22	28.00	Frame	244	(a)	34.00	Mule	816	(a)	155	26.25
523	72									170	26.90
524	78	26.50	(a)	(a)	(a)	36.00	(a)	(a)	(a)	(a)	(a)
525	22	21.00	Frame	244	(a)	24.00	Mule	816	(a)	155	31.00
526	87	33.00	Frame	154	.1550	42.00	Mule	743	.0924	132	21.81
527	7	30.00	Frame	142	.1672	35.50	Both	(b)	(c)	150	(a)
528	26	28.00	Frame	248	.2012	33.00	Mule	766	.1484	152	24.42
529	26	28.00	Frame	248	.2012	33.00	Mule	766	.1484	147	23.83
530	73									190	40.11
531	74									175	(a)
532	94									(a)	35.31
533	66	13.50	Frame	205	(a)	20.50	Frame	205	(a)	(a)	38.18
534	76									140	(a)
535	76									140	(a)
536	86									160	20.00
537	83									134	42.00
538	66	14.00	Frame	205	(a)	16.25	Frame	205	(a)	(a)	40.91
539	66	14.00	Frame	205	(a)	15.50	Frame	205	(a)	(a)	32.73
540	66	12.00	Frame	205	(a)	17.00	Frame	205	(a)	(a)	30.91
541	66	10.50	Frame	205	(a)	16.00	Frame	205	(a)	(a)	34.55
542	92									170	68.33
543	92									170	68.33
544	92									180	26.67
545	7	30.00	Frame	142	.1672	35.50	Both	(b)	(c)	150	(a)
546	92									180	37.69
547	92									180	26.67
548	92									180	35.65
549	92									180	16.67
550	92									180	12.22
551	92									180	19.75
552	92									180	15.46
553	92									180	31.25
554	92									180	23.52
555	92									180	17.87
556	92									170	8.80
557	92									170	11.23
558	92									180	23.52
559	5	28.00	Frame	135	.1444	22.00	Mule	704	(a)	150	(a)
560	99									180	16.52
561	99									180	22.30
562	92									170	16.85
563	7	30.00	Frame	142	.1672	35.50	Both	(b)	(c)	130	(a)
564	92									156	18.06
565	92									145	12.16

a Not reported.
b Per frame, 146; per mule, 533.
c On frames, 0.1527; on mules, 0.1186.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

J.—SPINNING AND WEAVING—Concluded.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.]

Product number.	Establishment number.	Spinning.								Weaving.	
		Warp.				Weft.					
		Number of yarn.	Frame or mule.		Pounds per spindle per day of ten hours.	Number of yarn.	Frame or mule.		Pounds per spindle per day of ten hours.	Picks per minute.	Yards per loom per day of ten hours.
			Which?	Average spindles to each.			Which?	Average spindles to each.			
566	6	28.43	Frame	147	(a)	39.45	Mule	707	(a)	153	30.64
567	87	33.00	Frame	154	.1550	44.00	Mule	743	.0860	136	18.61
568	87	33.00	Frame	154	.1550	50.00	Mule	743	.0742	136	16.94
569	87	33.00	Frame	154	.1550	40.00	Mule	743	.1020	136	22.13
570	80	28.00	(a)	(a)	.2147	41.00	(a)	(a)	.1330	160	55.51
571	77	45.00	(a)	(a)	.1002	50.00	(a)	(a)	.0754	165	42.00
572	77	65.00	(a)	(a)	.0610	75.00	(a)	(a)	.0477	165	25.00
573	96									180	25.49
574	92									180	37.69
575	92									180	44.35
576	92									180	83.33
577	92									180	46.60
578	92									180	46.60
579	92									180	62.50
580	92									156	46.76
581	92									156	32.64
582	92									145	43.43

a Not reported.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF LABOR IN ONE YARD.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain. The figures are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners.]

Product number.	Establishment number.	Opening, picking, carding, drawing, roving.	Spinning.	Spooling, warping, dressing, drawing-in.	Weaving.	Cloth room.	All other.	Total.
1	68	$0.002019	$0.001769	$0.000613	$0.003728	$0.000311	$0.000671	$0.009111
2	43	.002746	.002618	.000986	.005455	.000243	.002165	.014213
3	96	.....	.....	.004269	.016506	(a)	a .002135	.022910
4	19	.006201	.006624	.001946	.019378	.001316	.001631	.037096
5	80	.002720	.003830	.001590	.012620	.000250	.002380	.023390
6	57	.001597	.001758	.000982	.005965	.000157	.001134	.011593
7	47	.001341	.001428	.004951	.007782	.000519	.003150	.019171
8	47	.001481	.001576	.005467	.008592	.000573	.003478	.021167
9	67	.001713	.002338	.001442	.008590	.000647	.002004	.016734
10	64	.002447	.002574	.001464	.006174	.000793	.002736	.016188
11	13	.001488	.001489	.001075	.002788	.000298	.000569	.007707
12	92	.....	.....	b .000617	.005114	(b)	b .001020	.006751
13	91	.001371	.001820	c .000651	c .006754	(c)	(c)	.010596
14	92	.....	.....	b .000843	.005115	(b)	b .000793	.006751
15	92	.....	.....	b .000680	.006347	(b)	b .001345	.008372
16	92	.....	.....	b .001171	.005969	(b)	b .000730	.007870
17	92	.....	.....	b .000667	.006820	(b)	b .001511	.008998
18	91	.002556	.001715	c .001207	c .006754	(c)	(c)	.012232
19	92	.....	.....	b .000667	.006915	(b)	b .001539	.009121
20	92	.....	.....	b .000593	.005495	(b)	b .001103	.007191
21	92	.....	.....	b .001042	.006442	(b)	b .001011	.008495
22	92	.....	.....	b .001051	.005304	(b)	b .000642	.006997
23	92	.....	.....	b .000776	.010609	(b)	b .002609	.013994
24	92	.....	.....	b .000634	.015155	(b)	b .004207	.019996
25	92	.....	.....	b .000619	.009945	(b)	b .002558	.013122
26	92	.....	.....	b .000560	.006915	(b)	b .001646	.009121
27	92	.....	.....	b .000844	.008620	(b)	b .001904	.011368
28	92	.....	.....	b .000959	.009377	(b)	b .002037	.012373
29	92	.....	.....	b .000799	.015346	(b)	b .004098	.020243
30	92	.....	.....	b .001267	.005685	(b)	b .000536	.007488
31	92	.....	.....	b .001365	.014303	(b)	b .003200	.018868
32	92	.....	.....	b .001557	.014872	(b)	b .003188	.019617
33	92	.....	.....	b .001314	.019418	(b)	b .004887	.025619
34	92	.....	.....	b .001278	.009662	(b)	b .001803	.012743
35	92	.....	.....	b .001698	.011746	(b)	b .002048	.015492
36	92	.....	.....	.000661	.050256	.001144	.009774	.061835
37	85	.....	.....	.000689	.050256	.001185	.010147	.062277
38	79	.004000	.003400	.003200	.008610	.001390	d .005500	d .026100
39	47	.002105	.002242	.007773	.012216	.000814	.004945	.030095
40	85	.002326	.004687	.001042	.009523	.000398	.001443	.019419
41	85	.002423	.004903	.001085	.010406	.000414	.001503	.020734
42	57	.001392	.001532	.000856	.005196	.000137	.001219	.010332
43	58	.001603	.001183	.000706	.004429	.000120	.000776	.008817
44	59	.002426	.002689	.001451	.006771	.000787	.002061	.016185
45	64	.002057	.002163	.001230	.005188	.000666	.002690	.013994
46	49	.002311	.001913	.000932	.004144	.000301	.001094	.010695
47	49	.002515	.002082	.001014	.004511	.000328	.001191	.011641
48	27	.001798	.001955	.000938	.004646	.000538	.001102	.010977
49	27	.002198	.002391	.001147	.005680	.000658	.001347	.013421
50	27	.002201	.002394	.001149	.005688	.000659	.001349	.013440
51	27	.002159	.002348	.001127	.005579	.000646	.001323	.013182
52	27	.002356	.002563	.001230	.006089	.000706	.001444	.014388
53	27	.002456	.002672	.001282	.006347	.000735	.001505	.014997
54	27	.002435	.002649	.001271	.006293	.000729	.001492	.014869
55	27	.002755	.002997	.001439	.007121	.000825	.001688	.016825
56	27	.002840	.003089	.001483	.007339	.000850	.001740	.017341
57	27	.003124	.003399	.001631	.008074	.000936	.001914	.019078
58	27	.001911	.002079	.000998	.004940	.000573	.001171	.011672
59	99	.....	.....	.002208	.012264	(a)	a .000368	.014840
60	76	.....	.....	.004121	.009870	.000416	.002805	.017212

a The expenditures for cloth-room labor are inseparably combined with those for all other labor.

b The expenditures for dressing, drawing-in, and cloth-room labor are inseparably combined with those for all other labor.

c The expenditures for dressing, cloth-room, and all other labor are inseparably combined with those for weaving.

d Not including the expenditures for dye-house labor, which are inseparably combined with those for other supplies and repairs, see page 73.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF LABOR IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain. The figures are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners.]

Product number.	Establishment number.	Opening, picking, carding, drawing, roving.	Spinning.	Spooling, warping, dressing, drawing-in.	Weaving.	Cloth room.	All other.	Total.
61	63	$0.001602	$0.001810	$0.000684	$0.003485	$0.000446	$0.000923	$0.008350
62	63	.000999	.001803	.000681	.003472	.000445	.000919	.008319
63	50	.001658	.001522	.000994	.004094	.000288	.000791	.009347
64	70	.002353	.002148	.001168	.004491	.000237	.001157	.011554
65	61	.001517	.001594	.001060	.003176	.000276	.000873	.008496
66	62	.001090	.001084	.000659	.002753	.000528	.001563	.007677
67	67	.002074	.002830	.001745	.005873	.000784	.000828	.014134
68	60	.001478	.001271	.000655	.003545	.000265	.001102	.008316
69	12	.002518	.003345	.001558	.008848	.000671	.002189	.019129
70	60	.001915	.001647	.000848	.004593	.000343	.001428	.010774
71	65	.002130	.002660	.001359	.004660	.000637	.002579	.014025
72	10	.002348	.002204	.002302	.004512	.000550	.002037	.013953
73	22	.001330	.001916	.001047	.004579	.000401	.000966	.010239
74	23	.002083	.002491	.001368	.005344	.000637	.001365	.013288
75	64	.001211	.001275	.000725	.003057	.000392	.000664	.007324
76	11	.001900	.002300	.000774	.004599	.000247	.001258	.011078
77	6	.001893	.001757	.000820	.004237	.000383	.000761	.009851
78	42	.002376	.002399	.000356	.004139	.000298	.000921	.010489
79	61	.001267	.001330	.000885	.002651	.000230	.000729	.007092
80	69	.002101	.002052	.000862	.004780	.000338	.000714	.010847
81	49	.002548	.002109	.001028	.004570	.000332	.001206	.011793
82	46	.002003	.001851	.001087	.004000	.000343	.000892	.010176
83	60	.001496	.001287	.000662	.003588	.000268	.001115	.008416
84	65	.002124	.002653	.001356	.004649	.000636	.002573	.013991
85	51	.003066	.003660	.000927	.006857	.000521	.001293	.016264
86	50	.001911	.001753	.001145	.004717	.000332	.000911	.010769
87	63	.001207	.002180	.000823	.004198	.000538	.001111	.010057
88	42	.002432	.002456	.000365	.004237	.000305	.000943	.010738
89	44	.001795	.001467	.001041	.004015	.000378	.001424	.010120
90	45	.002007	.001803	.001135	.003596	.000301	.001193	.010035
91	49	.002249	.001862	.000908	.004035	.000293	.001065	.010412
92	60	.001645	.001415	.000729	.003947	.000295	.001227	.009258
93	90	.002057	.002015	.001122	.003323	.000333	.001170	.010020
94	65	.002189	.002733	.001397	.004789	.000655	.002650	.014413
95	49	.002204	.001824	.000889	.003953	.000287	.001044	.010201
96	27	.001923	.002092	.001004	.004971	.000576	.001179	.011745
97	70	.002749	.002511	.001365	.005249	.000277	.001353	.013504
98	39	.001734	.001462	.000971	.004332	.000334	.001213	.010046
99	47	.001644	.001751	.001266	.003765	.000536	.001616	.010678
100	61	.001759	.001847	.001228	.003680	.000319	.001911	.009844
101	11	.001935	.002342	.000788	.004683	.000251	.001280	.011279
102	40	.001576	.001331	.000826	.003380	.000279	.001105	.008497
103	91	.002501	.001652	*a* .001285	*a* .005264	(*a*)	(*a*)	.010702
104	62	.001203	.001196	.000727	.003038	.000583	.001724	.008471
105	92	----------	----------	*b* .000667	.006631	(*b*)	*b* .001454	.008752
106	52	.002711	.001901	.001577	.004322	.000319	.002866	.013699
107	92	----------	----------	*b* .000881	.012957	(*b*)	*b* .003266	.017104
108	92	----------	----------	*b* .000461	.004858	(*b*)	*b* .000927	.005746
109	11	.002114	.002559	.000861	.005116	.000275	.001399	.012324
110	42	.002138	.002159	.000320	.003725	.000268	.000829	.009439
111	9	.002171	.003409	.001575	.005387	.000349	.001606	.014497
112	70	.002570	.002347	.001276	.004906	.000259	.001264	.012622
113	49	.002675	.002214	.001079	.004799	.000349	.001267	.012383
114	90	.002301	.002251	.001309	.003804	.000389	.001316	.011370
115	44	.002154	.001760	.001249	.004817	.000454	.001709	.012143
116	45	.002488	.002235	.001408	.004457	.000373	.001479	.012440
117	60	.002040	.001754	.000903	.004893	.000366	.001521	.011477
118	61	.002082	.002188	.001455	.004359	.000378	.001198	.011660
119	44	.002448	.002000	.001419	.005474	.000516	.001942	.013799
120	47	.001836	.001956	.001414	.004205	.000711	.001804	.011926
121	47	.002031	.002162	.001563	.004649	.000786	.001995	.013186
122	30	.003632	.004934	.001761	.013130	.000862	.004629	.028948

a The expenditures for dressing, cloth-room, and all other labor are inseparably combined with those for weaving.

b The expenditures for dressing, drawing-in, and cloth-room labor are inseparably combined with those for all other labor.

TABLE I.—COST OF PRODUCTION OF COTTON TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF LABOR IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain. The figures are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners.]

Product number.	Establishment number.	Opening, picking, carding, drawing, roving.	Spinning.	Spooling, warping, dressing, drawing-in.	Weaving.	Cloth room.	All other.	Total.
123	4	$0.003924	$0.004638	$0.001186	$0.010377	$0.000691	$0.001961	$0.022717
124	47	.002395	.002550	.001844	.005433	.000927	.002353	.015552
125	47	.002575	.002742	.001983	.005895	.000996	.002530	.016721
126	70	.002158	.001971	.001071	.004120	.000218	.001062	.010600
127	70	.002655	.002424	.001318	.005068	.000268	.001306	.013039
128	70	.002131	.001946	.001058	.004068	.000215	.001048	.010466
129	10	.003160	.002965	.003968	.006070	.000739	.002741	.019643
130	70	.002423	.002213	.001203	.004626	.000245	.001192	.011902
131	12	.003588	.004767	.002219	.012609	.000956	.003120	.027259
132	13	.003252	.003256	.002351	.006094	.000652	.001243	.016848
133	47	.001172	.001248	.000902	.002682	.000453	.001151	.007608
134	13	.004065	.004070	.002938	.007618	.000815	.001554	.021060
135	12	.003588	.004767	.003105	.012609	.000956	.003120	.028145
136	47	.002374	.002529	.001828	.005437	.000919	.002333	.015420
137	49	.002378	.001969	.000960	.004266	.000310	.001126	.011009
138	13	.004580	.004586	.003311	.008584	.000918	.001751	.023730
139	70	.003669	.003351	.001822	.007005	.000370	.001806	.018023
140	47	.002888	.003076	.002224	.006613	.001118	.002838	.018757
141	70	.003926	.003586	.001949	.007495	.000396	.001932	.019284
142	47	.003215	.003423	.002475	.007360	.001244	.003158	.020875
143	47	.003587	.003821	.002763	.008214	.001388	.003525	.023298
144	27	.001812	.001971	.000946	.004683	.000542	.001110	.011064
145	27	.001892	.002058	.000988	.004889	.000566	.001159	.011552
146	27	.001949	.002120	.001018	.005037	.000584	.001194	.011902
147	27	.002473	.002690	.001291	.006391	.000741	.001515	.015101
148	27	.002085	.002269	.001089	.005390	.000624	.001278	.012735
149	27	.001980	.002154	.001034	.005119	.000593	.001214	.012094
150	27	.002126	.002312	.001110	.005494	.000637	.001302	.012981
151	27	.002076	.002258	.001084	.005366	.000622	.001272	.012678
152	27	.002212	.002406	.001155	.005716	.000662	.001355	.013506
153	27	.002282	.002482	.001191	.005898	.000684	.001398	.013935
154	27	.002368	.002576	.001236	.006120	.000709	.001451	.014460
155	27	.003112	.003385	.001624	.008042	.000932	.001907	.019002
156	27	.002507	.002727	.001309	.006480	.000751	.001536	.015310
157	27	.002338	.002543	.001221	.006042	.000700	.001433	.014277
158	27	.003816	.004151	.001992	.009863	.001143	.002338	.023303
159	27	.003449	.003752	.001801	.008914	.001033	.002114	.021063
160	27	.002550	.002774	.001331	.006590	.000764	.001562	.015571
161	27	.003221	.003504	.001681	.008325	.000965	.001974	.019670
162	66	.001690	.001862	.002251	.006015	.000500	.003246	.015564
163	94	----------	----------	.003312	.013789	(a)	a .004055	b .021156
164	83	----------	----------	(c)	c .012126	.002700	d .001087	d .015913
165	79	.001200	.003500	.002000	.012000	.001500	e .002500	e .023600
166	8	.001376	.001644	.006613	.012826	.001318	e .000642	e .024419
167	66	.001846	.002035	.002460	.006572	.000547	.003547	.017007
168	94	----------	----------	.004321	.012964	(a)	a .002992	b .020277
169	77	.001300	.002100	.000675	.008200	(f)	f .000300	.012575
170	77	.002600	.002700	.001350	.013250	(f)	f .001500	.021400
171	96	----------	----------	.003802	.023023	(f)	f .003211	.030036
172	82	.003447	.002594	.000808	.020415	.001683	.003567	.032514
173	85	----------	----------	.000575	.021775	.000995	.003618	.026963
174	80	.001430	.001830	.000900	.004980	.000090	.001260	.010490
175	66	.001892	.002086	.002521	.006736	.000560	.002023	.015818
176	66	.002011	.002217	.002680	.007160	.000596	.002150	.016814
177	66	.002587	.002851	.003446	.009208	.000766	.002765	.021623
178	99	----------	----------	.002112	.014001	(f)	f .000543	.016656

a The expenditures for cloth-room labor and for officials and clerks, fuel and lighting, oil, other supplies and repairs, taxes, insurance, and depreciation are inseparably combined with those for all other labor.

b Including officials and clerks, fuel and lighting, oil, other supplies and repairs, taxes, insurance, and depreciation.

c The expenditures for warping, dressing, drawing-in, and twisting are inseparably combined with those for weaving.

d Not including dye-house labor, the expenditures for which were not reported.

e Not including the expenditures for dye-house labor, which are inseparably combined with those for other supplies and repairs, see page 79.

f The expenditures for cloth-room labor are inseparably combined with those for all other labor.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF LABOR IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71 and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain. The figures are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners.]

Product number.	Establishment number.	Opening, picking, carding, drawing, roving.	Spinning.	Spooling, warping, dressing, drawing-in.	Weaving.	Cloth room.	All other.	Total.
179	30	$0.002947	$0.004005	$0.001429	$0.010656	$0.000700	$0.003757	$0.023494
180	41	.001529	.002692	.000344	.003943	.000263	.000432	.009203
181	52	.001367	.000960	.000795	.002179	.000160	.001445	.006906
182	52	.001418	.000996	.000825	.002261	.000168	.001499	.007167
183	41	.001881	.003311	.000423	.004850	.000329	.000531	.011325
184	52	.001603	.001126	.000932	.002556	.000188	.001694	.008099
185	52	.001609	.001131	.000936	.002566	.000189	.001701	.008132
186	49	.001400	.001159	.000565	.002511	.000182	.000663	.006480
187	52	.001604	.001127	.000933	.002558	.000188	.001696	.008106
188	66	.001664	.001834	.002217	.005924	.000493	.001779	.013911
189	41	.001744	.003069	.000392	.004495	.000305	.000493	.010498
190	13	.002187	.002189	.001580	.004098	.000138	.000836	.011328
191	38	.001687	.003181	.003345	.008883	.000305	.001586	.018987
192	78	*a*.002500	(*a*)	(*a*)	.022120	(*a*)	*a*.023800	.048420
193	92	----------	----------	*b*.000936	.020272	(*b*)	*b*.005529	.026737
194	92	----------	----------	*b*.000936	.018471	(*b*)	*b*.004960	.024367
195	92	----------	----------	*b*.001062	.015536	(*b*)	*b*.003891	.020489
196	92	----------	----------	*b*.001158	.024534	(*b*)	*b*.006667	.032359
197	92	----------	----------	*b*.001063	.018849	(*b*)	*b*.004958	.024870
198	92	----------	----------	*b*.001063	.024818	(*b*)	*b*.006858	.032739
199	92	----------	----------	*b*.001232	.029649	(*b*)	*b*.008229	.039110
200	92	----------	----------	*b*.001212	.021409	(*b*)	*b*.005614	.028235
201	92	----------	----------	*b*.001212	.017525	(*b*)	*b*.004379	.023116
202	93	----------	----------	----------	*c*.015086	.000857	*c*.003434	.019377
203	66	.001334	.001470	.001777	.004749	.000395	.002563	.012288
204	64	.001207	.001270	.000722	.003045	.000391	.001742	.008377
205	56	----------	----------	.001269	.005177	.000225	.000805	.007476
206	64	.001448	.001524	.000866	.003654	.000469	.002091	.010052
207	47	.001082	.001153	.003997	.006282	.000419	.002543	.015476
208	84	----------	----------	.000710	.009058	.000600	.000200	.010568
209	66	.001275	.001405	.001699	.004539	.000378	.002863	.012159
210	67	.001359	.001854	.001143	.006813	.000513	.001589	.013271
211	66	.001996	.002200	.002659	.007106	.000591	.003835	.018387
212	66	.002107	.002322	.002806	.007500	.000624	.004047	.019406
213	47	.001234	.001314	.004555	.007159	.000477	.002898	.017637
214	55	.001255	.000893	.001309	.006905	.000280	.001243	.011885
215	53	.000548	.000855	.001116	.005389	.000246	.000907	.009061
216	33	.001207	.001890	.000758	.003738	.000141	.000443	.008177
217	31	.001129	.001501	.000751	.003792	.000085	.000250	.007768
218	81	.001417	.002329	.001017	.004014	(*d*)	*d*.000800	.009577
219	14	.001455	.001958	.000988	.004494	.000193	.000583	.009671
220	20	.001269	.001816	.000984	.004491	.000172	.000513	.009245
221	2	.001934	.002252	.000906	.004776	.000220	.001036	.011124
222	15	.001368	.001990	.000956	.004789	.000180	.000488	.009771
223	16	.001347	.001923	.000840	.004488	.000207	.000949	.009754
224	17	.001192	.001596	.000856	.004433	.000180	.000457	.008714
225	18	.001474	.001937	.000668	.005234	.000220	.000402	.009935
226	34	.001852	.001944	.000908	.004389	.000183	.000848	.010124
227	30	.001867	.002538	.000906	.006753	.000444	.002381	.014889
228	29	.001956	.002486	.000865	.004995	.000266	.000920	.011488
229	25	.001725	.002070	.000982	.005538	.000228	.001033	.011576
230	25	.001733	.002079	.000986	.005562	.000230	.001037	.011627
231	25	.001665	.001998	.000947	.005345	.000220	.000997	.011172
232	24	.001434	.001920	.000950	.004768	.000645	.002472	.012189
233	71	----------	----------	.000669	*e*.003786	(*d*)	*d*.000762	.005157
234	93	----------	----------	----------	*e*.004162	.000378	*e*.001157	.005697
235	25	.002828	.003393	.001609	.009076	.000374	.001693	.018973
236	95	----------	----------	.001573	.005035	(*d*)	*d*.000629	.007237
237	72	----------	----------	.001093	.005597	.000094	.000252	.007036

a The expenditures for all labor, except combing and weaving, are inseparably combined with those for all other labor.

b The expenditures for dressing, drawing-in, and cloth-room labor are inseparably combined with those for all other labor.

c The expenditures for the weaving department, except pay of weavers, are inseparably combined with those for all other labor.

d The expenditures for cloth-room labor are inseparably combined with those for all other labor.

e Including $0.000653 for premium.

TABLE 1.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF LABOR IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain. The figures are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners.]

Product number.	Establishment number.	Opening, picking, carding, drawing, roving.	Spinning.	Spooling, warping, dressing, drawing-in.	Weaving.	Cloth room.	All other.	Total.
238	26	$0.002047	$0.002145	$0.000917	$0.008423	$0.000228	$0.001823	$0.015583
239	30	.002921	.003969	.001417	.010561	.000694	.003723	.023285
240	25	.002448	.002937	.001393	.007856	.000324	.001465	.016423
241	96	----------	----------	.002981	.010463	(a)	a .001095	.014539
242	71	----------	----------	.000811	b .005354	(a)	a .000870	.007035
243	2	.002625	.003055	.001230	.006482	.000298	.001407	.015097
244	2	.003040	.003538	.001424	.007507	.000345	.001629	.017483
245	71	----------	----------	.001328	c .009009	(a)	a .001415	.011752
246	30	.002450	.003329	.001188	.008857	.000582	.003123	.019529
247	76	----------	----------	.004278	.013338	.000431	.005141	.023188
248	92	----------	----------	d .000653	.012883	(d)	d .003454	.016990
249	30	.002962	.004024	.001436	.010707	.000703	.003775	.023607
250	80	.002330	.003300	.001410	.012690	.000220	.002040	.021990
251	80	.001990	.002680	.001130	.009170	.000130	.001740	.016840
252	97	----------	----------	.001859	.021742	(a)	a .000732	.024333
253	98	(e)	e .018475	.003379	.019376	(a)	a .000901	.042131
254	92	----------	----------	d .000658	.014872	(d)	d .004089	.019613
255	92	----------	----------	d .000706	.011461	(d)	d .002956	.015129
256	92	----------	----------	d .000647	.012788	(d)	d .003432	.016867
257	92	----------	----------	d .000730	.020272	(d)	d .005745	.026747
258	92	----------	----------	d .000647	.015724	(d)	d .004375	.020746
259	92	----------	----------	d .000708	.009283	(d)	d .002259	.012250
260	92	----------	----------	d .000823	.018944	(d)	d .005225	.024992
261	92	----------	----------	d .001267	.008715	(d)	d .001509	.011491
262	92	----------	----------	d .000875	.006347	(d)	d .001150	.008372
263	27	.004282	.004658	.002236	.011068	.001283	.002624	.026151
264	88	.004995	.006233	.002091	.022538	.001174	.003079	.040110
265	87	.006493	.005403	.001491	.017631	.001066	.002331	.034415
266	88	.005233	.004799	.002147	.016627	.000910	.002387	.032103
267	80	.002980	.004240	.001800	.014010	.000290	.002620	.025940
268	80	.002480	.003350	.001410	.009750	.000160	.002180	.019330
269	92	----------	----------	d .001492	.007956	(d)	d .001047	.010495
270	88	.005447	.004686	.002867	.012894	.000658	.001724	.028276
271	77	.008000	.008400	.004000	.021200	(a)	a .000500	.042100
272	92	----------	----------	d .001220	.026807	(d)	d .007338	.035365
273	92	----------	----------	d .001217	.020366	(d)	d .005278	.026861
274	5	.001595	.002012	.001436	.005984	.000344	.001305	.012676
275	11	.001331	.001612	.000543	.003223	.000173	.000881	.007763
276	16	.000748	.001069	.000467	.002493	.000115	.000527	.005419
277	16	.000943	.001346	.000588	.003141	.000145	.000665	.006828
278	11	.001637	.001982	.000667	.003962	.000213	.001083	.009544
279	11	.001707	.002066	.000696	.004131	.000222	.001130	.009952
280	60	.001112	.000957	.000493	.002669	.000200	.000830	.006261
281	16	.001031	.001472	.000643	.003436	.000159	.000727	.007468
282	65	.001698	.002121	.001084	.003716	.000508	.002057	.011184
283	48	.001242	.001300	.000567	.002864	.000202	.000518	.006693
284	47	.001205	.001284	.000928	.002760	.000466	.001185	.007828
285	65	.001705	.002129	.001088	.003730	.000510	.002064	.011226
286	68	.002243	.001966	.000681	.004142	.000346	.000745	.010123
287	60	.001221	.001050	.000541	.002929	.000219	.000911	.006871
288	60	.001372	.001180	.000608	.003291	.000246	.001023	.007720
289	61	.001395	.001465	.000974	.002918	.000253	.000802	.007807
290	60	.001368	.001176	.000605	.003280	.000245	.001020	.007694
291	63	.000996	.001798	.000679	.003462	.000143	.000916	.008294
292	30	.003137	.004263	.001522	.011344	.000745	.003999	.025010
293	11	.001759	.002129	.000717	.004256	.000228	.001164	.010253
294	16	.001541	.002199	.000960	.005133	.000237	.001086	.011156
295	68	.002656	.002328	.000807	.004905	.000410	.000882	.011988
296	11	.001748	.002116	.000712	.004230	.000227	.001157	.010190

a The expenditures for cloth-room labor are inseparably combined with those for all other labor.
b Including $0.000871 for premium.
c Including $0.001741 for premium.
d The expenditures for dressing, drawing-in, and cloth-room labor are inseparably combined with those for all other labor.
e The expenditures for opening, picking, carding, drawing, roving, and doubling are inseparably combined with those for spinning.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF LABOR IN ONE YARD—Continued.

[Establishments numbered 1 to 33, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain. The figures are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners.]

Product number.	Establishment number.	Opening, picking, carding, drawing, roving.	Spinning.	Spooling, warping, dressing, drawing-in.	Weaving.	Cloth room.	All other.	Total.
297	91	$0.002130	$0.001401	a $0.000893	a $0.005333	(a)	(a)	$0.009757
298	65	.002114	.002639	.001349	.004625	$0.000632	$0.002559	.013918
299	65	.002083	.002601	.001329	.004558	.000623	.002522	.013716
300	66	.002507	.002762	.003339	.008022	.000742	.002680	.020952
301	66	.002509	.002765	.003342	.008030	.000743	.002682	.020971
302	23	.002275	.002720	.001494	.005835	.000695	.001491	.014510
303	27	.002147	.002336	.001121	.005549	.000643	.001316	.013112
304	68	.002535	.002223	.000770	.004682	.000391	.000842	.011443
305	16	.000560	.000799	.000349	.001864	.000086	.000394	.004052
306	16	.000662	.000944	.000413	.002204	.000102	.000466	.004791
307	16	.000770	.001099	.000480	.002564	.000118	.000543	.005574
308	16	.000873	.001246	.000544	.002909	.000134	.000616	.006322
309	11	.001833	.002219	.000747	.004437	.000238	.001213	.010687
310	49	.002190	.001814	.000884	.003930	.000286	.001038	.010142
311	49	.002272	.001881	.000917	.004076	.000296	.001076	.010518
312	64	.002058	.002165	.001231	.005191	.000667	.001127	.012439
313	49	.002346	.001942	.000946	.004208	.000306	.001111	.010859
314	57	.001815	.001998	.001116	.006776	.000179	.000949	.012833
315	43	.001563	.001636	.000714	.003603	.000254	.000652	.008422
316	21	.002669	.002780	.001635	.006442	(b)	b .001518	.015044
317	46	.001443	.001334	.000784	.002882	.000247	.000642	.007332
318	89	.002100	c .001970	c .000365	.004000	.000385	.001380	.010200
319	4	.003415	.004036	.001031	.009030	.000601	.001654	.019767
320	65	.002071	.002587	.001322	.004532	.000620	.002508	.013640
321	49	.002056	.001702	.000829	.003688	.000268	.000973	.009516
322	66	.002513	.002770	.003348	.008946	.000744	.002686	.021007
323	66	.002519	.002776	.003356	.008968	.000746	.002693	.021058
324	64	.002700	.002841	.001615	.006812	.000875	.001479	.016322
325	49	.002173	.001798	.000876	.003896	.000283	.001029	.010055
326	46	.001675	.001547	.000909	.003344	.000287	.000745	.008507
327	69	.001889	.001844	.000774	.004296	.000304	.000642	.009749
328	21	.002341	.002438	.001434	.005650	(b)	b .001332	.013195
329	23	.002201	.002632	.001445	.005646	.000673	.001442	.014039
330	40	.001625	.001372	.000851	.003482	.000237	.001138	.008755
331	42	.002406	.002428	.000361	.004190	.000302	.000922	.010619
332	48	.001760	.001626	.000955	.003515	.000302	.000783	.008941
333	48	.001845	.001931	.000843	.004254	.000300	.000770	.009943
334	49	.002313	.001914	.000933	.004149	.000301	.001095	.010705
335	49	.002226	.002670	.001301	.005786	.000421	.001528	.014932
336	51	.002607	.003060	.000788	.005828	.000442	.001099	.013824
337	64	.002845	.002993	.001702	.007177	.000922	.001558	.017197
338	65	.002065	.002541	.001299	.004452	.000609	.002464	.013400
339	68	.002525	.002212	.000766	.004650	.000389	.000838	.011389
340	69	.001968	.001923	.000807	.004479	.000317	.000669	.010163
341	1	.002912	.003644	.001689	.008876	.000767	.002169	.020057
342	49	.002398	.001985	.000967	.004301	.000313	.001135	.011099
343	42	.002013	.002032	.000302	.003507	.000252	.000780	.008886
344	69	.002152	.002101	.000832	.004895	.000346	.000731	.011107
345	50	.002382	.002185	.001428	.005879	.000414	.001135	.013423
346	54	.001226	.001250	.000602	.003306	.000174	.000513	.007071
347	60	.001499	.001290	.000664	.003597	.000269	.001118	.008137
348	21	.002814	.002929	.001723	.006789	(b)	b .001600	.015855
349	22	.001710	.002464	.001346	.005887	.000516	.001242	.013165
350	27	.002623	.002854	.001370	.006780	.000786	.001607	.016020
351	64	.002313	.002434	.001384	.005836	.000750	.001267	.013934
352	21	.002985	.002171	.001277	.005032	(b)	b .001186	.011751
353	50	.001928	.001770	.001156	.004761	.000335	.000919	.010869
354	54	.001326	.001351	.000651	.004115	.000188	.000554	.008185
355	40	.001628	.001374	.000853	.003489	.000288	.001140	.008772
356	52	.002284	.001605	.001329	.003642	.000268	.002414	.011542
357	47	.001311	.001396	.001010	.003002	.000507	.001288	.008514
358	61	.001538	.001615	.001074	.003219	.000279	.000885	.008610
359	39	.001676	.001412	.000938	.004185	.000323	.001172	.009706

a The expenditures for dressing, cloth-room, and all other labor are inseparably combined with those for weaving.
b The expenditures for cloth-room labor are inseparably combined with those for all other labor.
c The expenditures for spooling and warping are inseparably combined with those for spinning.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF LABOR IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain. The figures are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners.]

Product number.	Establishment number.	Opening, picking, carding, drawing, roving.	Spinning.	Spooling, warping, dressing, drawing-in.	Weaving.	Cloth room.	All other.	Total.
360	42	$0.002205	$0.002225	$0.000331	$0.003340	$0.000276	$0.000854	$0.009731
361	63	.001071	.001935	.000731	.003725	.000477	.000986	.008925
362	60	.001402	.001206	.000621	.003362	.000251	.001045	.007887
363	60	.001640	.001411	.000727	.003935	.000294	.001223	.009230
364	47	.001383	.001473	.001065	.003167	.000536	.001359	.008983
365	67	.001907	.002602	.001605	.005399	.000720	.000761	.012994
366	61	.001633	.001715	.001140	.003417	.000297	.000939	.009141
367	65	.002090	.002610	.001334	.004573	.000625	.002531	.013763
368	21	.002260	.002353	.001384	.005454	(a)	a .001285	.012736
369	44	.001795	.001467	.001041	.004015	.000378	.001424	.010120
370	45	.002007	.001803	.001135	.003596	.000301	.001193	.010035
371	49	.002258	.001869	.000911	.004049	.000294	.001069	.010450
372	52	.002513	.001765	.001461	.004006	.000295	.002656	.012696
373	62	.001163	.001156	.000702	.002937	.000563	.001667	.008188
374	63	.001162	.002097	.000792	.004039	.000517	.001069	.009676
375	60	.001515	.001303	.000671	.003634	.000271	.001129	.008523
376	70	.002570	.002347	.001276	.004906	.000259	.001264	.012622
377	12	.002632	.003497	.001628	.007825	.000702	.002289	.018573
378	23	.002011	.002405	.001321	.005160	.000615	.001318	.012830
379	28	.002315	.001776	.001156	.005091	.000580	.001288	.012206
380	46	.001431	.001322	.000777	.002857	.000245	.000637	.007269
381	63	.001176	.002123	.000802	.004088	.000523	.001082	.009794
382	65	.002104	.002627	.001342	.004603	.000629	.002547	.013852
383	70	.002732	.002495	.001356	.005216	.000276	.001344	.013419
384	21	.002042	.002126	.001250	.004927	(a)	a .001161	.011506
385	70	.002881	.002632	.001430	.005501	.000291	.001418	.014153
386	35	.001943	.002668	.001093	.003400	.000215	.001416	.010735
387	49	.002308	.001910	.000931	.004140	.000301	.001093	.010683
388	21	.002932	.003053	.001796	.007077	(a)	a .001668	.016526
389	16	.001831	.002613	.001142	.006100	.000281	.001290	.013257
390	6	.003175	.002946	.001376	.007105	.000643	.001276	.016521
391	21	.002877	.002995	.001762	.006942	(a)	a .001636	.016212
392	54	.001948	.001985	.000957	.006046	.000276	.000814	.012026
393	37	.004302	.003668	.002343	.011045	.000746	.003436	.025540
394	44	.002071	.001692	.001201	.004632	.000437	.001644	.011677
395	5	.003223	.004065	.002901	.012092	.000696	.002638	.025615
396	5	.003300	.004163	.002971	.012381	.000712	.002701	.026228
397	54	.000737	.000750	.000362	.002285	.000104	.000308	.004546
398	4	.003980	.004704	.001202	.010525	.000701	.001928	.023040
399	3	.002946	.004129	.001827	.009436	.000642	.001906	.020886
400	21	.003126	.003255	.001914	.007543	(a)	a .001778	.017616
401	47	.002008	.002139	.001547	.004599	.000777	.001974	.013044
402	6	.003538	.003283	.001533	.007917	.000716	.001422	.018409
403	36	.003619	.004625	.002273	.016385	.001013	.003259	.031174
404	22	.002113	.003045	.001663	.007274	.000637	.001535	.016267
405	28	.002587	.001985	.001292	.007149	.000649	.001439	.015101
406	47	.001713	.001825	.001320	.003924	.000663	.001684	.011129
407	54	.001540	.001569	.000756	.004779	.000218	.000644	.009506
408	6	.003427	.003181	.001485	.007670	.000694	.001378	.017835
409	54	.001326	.001351	.000651	.004116	.000188	.000554	.008186
410	4	.004309	.005199	.001329	.011633	.000774	.002131	.025465
411	54	.002312	.002358	.001136	.007180	.000328	.000967	.014281
412	36	.003717	.003608	.001736	.011069	.000787	.002578	.023495
413	21	.003925	.004087	.002403	.009473	(a)	a .002233	.022121
414	5	.001983	.002500	.001784	.007437	.000428	.001622	.015754
415	92	----------	----------	b .000997	.013927	(b)	b .003441	.018365
416	4	.004712	.005568	.001423	.012458	.000829	.002232	.027272
417	36	.003934	.003822	.001871	.010882	.000852	.002734	.024095
418	37	.005788	.004260	.002771	.010925	.000841	.003873	.028458
419	28	.003068	.002354	.001532	.007571	.000770	.001707	.017002
420	47	.002116	.002254	.001630	.004846	.000819	.002080	.013745
421	92	----------	----------	b .000997	.010799	(b)	b .002445	.014241
422	21	.004675	.004868	.002862	.011281	(a)	a .002659	.026345
423	36	.004817	.004667	.002254	.012355	.001039	.003346	.028478
424	37	.007038	.005009	.003086	.012772	.001015	.004677	.033597
425	92	----------	----------	b .001247	.019323	(b)	b .004925	.025495

a The expenditures for cloth-room labor are inseparably combined with those for all other labor.
b The expenditures for dressing, drawing in, and cloth-room labor are inseparably combined with those for all other labor.

TABLE I.—COST OF PRODUCTION OF COTTON TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF LABOR IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain. The figures are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners.]

Product number.	Establishment number.	Opening, picking, carding, drawing roving.	Spinning.	Spooling, warping, dressing, drawing-in.	Weaving.	Cloth room.	All other.	Total.
426	21	$0.005470	$0.005696	$0.003350	$0.013202	(a)	a $0.003111	$0.030829
427	36	.005573	.005414	.002681	.014810	$0.001208	.003875	.033561
428	92	----------	----------	b .001480	.015062	(b)	b .003162	.019704
429	21	.006233	.006490	.003816	.015042	(a)	a .003545	.035126
430	36	.006408	.006216	.003129	.018665	.001387	.004459	.040264
431	37	.009431	.006792	.004256	.019308	.001088	.006320	.047195
432	21	.006949	.007235	.004255	.016770	(a)	a .003952	.039161
433	36	.007126	.006918	.003577	.020719	.001542	.004060	.044842
434	37	.010535	.007422	.004960	.020059	.001506	.006942	.051424
435	78	(c)	(c)	(c)	.046857	(c)	c .049143	.096000
436	78	(c)	(c)	(c)	.038823	(c)	c .041176	.079999
437	21	.007791	.008112	.004771	.018802	(a)	a .004431	.043907
438	78	(c)	(c)	(c)	.033333	(c)	c .033333	.066666
439	36	.007991	.007741	.003901	.022464	.001735	.005568	.049400
440	37	.011055	.007658	.004967	.021592	.001681	.007063	.054016
441	37	.013231	.009421	.007042	.023842	.002749	.008714	.064999
442	7	.002978	.003657	.001458	.010276	.000563	.001843	.020775
443	1	.003293	.004119	.001909	.010035	.000867	.002452	.022675
444	26	.003011	.003154	.001349	.010207	.000335	.002682	.020738
445	1	.003641	.004554	.002111	.011096	.000959	.002712	.025073
446	21	.003837	.003995	.002350	.009261	(a)	a .002183	.021626
447	7	.003340	.004100	.001634	.011522	.000632	.002066	.023294
448	26	.003313	.003471	.001484	.012771	.000368	.002951	.024358
449	21	.004197	.004371	.002570	.010130	(a)	a .002388	.023656
450	7	.003673	.004510	.001798	.012674	.000695	.002273	.025623
451	26	.003723	.003900	.001668	.012863	.000414	.003315	.025883
452	21	.004968	.005173	.003042	.011990	(a)	a .002826	.027999
453	21	.005745	.005982	.003518	.013866	(a)	a .003263	.032379
454	21	.006592	.006864	.004037	.015909	(a)	a .003750	.037152
455	21	.007452	.007759	.004563	.017985	(a)	a .004239	.041998
456	21	.008227	.008567	.005038	.019855	(a)	a .004679	.046366
457	99	----------	----------	.001390	.008094	(a)	a .000327	.009811
458	99	----------	----------	.001811	.010772	(a)	a .000407	.012990
459	99	----------	----------	.001513	.009566	(a)	a .000368	.011447
460	28	.001210	.000929	.000605	.003077	.000304	.000673	.006798
461	65	.001376	.001718	.000878	.003010	.000412	.001666	.009060
462	65	.001496	.001868	.000955	.003273	.000447	.001811	.009850
463	69	.001506	.001471	.000618	.003427	.000242	.000512	.007776
464	68	.001979	.001735	.000601	.003655	.000305	.000657	.008932
465	40	.001191	.001006	.000624	.002553	.000211	.000835	.006420
466	90	.001232	.001204	.000726	.002544	.000215	.000757	.006678
467	45	.001303	.001171	.000737	.002335	.000195	.000775	.006516
468	62	.000760	.000755	.000459	.001920	.000368	.001090	.005352
469	28	.001465	.001125	.000732	.003589	.000368	.000816	.008095
470	66	.002369	.002610	.003155	.008432	.000702	.002532	.019800
471	66	.001527	.001682	.002034	.005435	.000452	.001632	.012762
472	91	.001833	.002178	d .000891	d .007988	(d)	(d)	.012890
473	42	.001919	.001938	.000288	.003343	.000241	.000744	.008473
474	46	.001407	.001301	.000764	.002810	.000241	.000626	.007149
475	49	.001846	.001528	.000745	.003312	.000241	.000874	.008546
476	50	.001406	.001201	.000843	.003472	.000245	.000670	.007927
477	51	.002085	.002448	.000630	.004663	.000354	.000879	.011059
478	69	.001574	.001538	.000646	.002583	.000254	.000535	.008130
479	46	.001451	.001341	.000788	.002899	.000249	.000646	.007374
480	49	.001753	.001452	.000708	.003146	.000229	.000831	.008119
481	50	.001436	.001317	.000861	.003544	.000250	.000684	.008092
482	69	.001779	.001738	.000729	.004047	.000286	.000605	.009184
483	40	.001402	.001183	.000734	.003004	.000248	.000982	.007353
484	65	.001689	.002109	.001078	.003696	.000505	.002045	.011122
485	65	.001695	.002117	.001082	.003709	.000507	.002053	.011163

a The expenditures for cloth-room labor are inseparably combined with those for all other labor.
b The expenditures for dressing, drawing-in, and cloth-room labor are inseparably combined with those for all other labor.
c The expenditures for all labor, except weaving, are inseparably combined with those for all other labor.
d The expenditures for dressing, cloth-room, and all other labor are inseparably combined with those for weaving.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF LABOR IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain. The figures are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners.]

Product number.	Establishment number.	Opening, picking, carding, drawing, roving.	Spinning.	Spooling, warping, dressing, drawing-in.	Weaving.	Cloth room.	All other.	Total.
486	42	$0.001986	$0.002005	$0.000298	$0.003459	$0.000249	$0.000770	$0.008767
487	49	.001806	.001495	.000729	.003240	.000235	.000855	.008360
488	45	.001672	.001502	.000946	.002997	.000251	.000994	.008362
489	90	.001644	.001607	.000951	.002857	.000283	.000992	.008334
490	28	.001935	.001484	.000966	.004633	.000485	.001076	.010579
491	39	.001361	.001148	.000762	.003401	.000262	.000952	.007886
492	52	.001933	.001358	.001124	.003081	.000227	.002043	.009766
493	52	.002064	.001450	.001200	.003290	.000242	.002181	.010427
494	52	.002122	.001490	.001234	.003383	.000249	.002243	.010721
495	62	.000972	.000966	.000587	.002454	.000471	.001393	.006843
496	51	.001813	.002129	.000548	.004054	.000308	.000765	.009617
497	23	.001957	.002339	.001285	.005018	.000598	.001282	.012479
498	51	.001845	.002167	.000558	.004126	.000313	.000778	.009787
499	46	.001175	.001087	.000638	.002348	.000202	.000523	.005973
500	46	.001304	.001205	.000708	.002605	.000224	.000581	.006627
501	51	.001930	.002267	.000584	.004317	.000328	.000814	.010240
502	46	.001333	.001232	.000723	.002601	.000228	.000593	.006770
503	92	.....	.....	*a* .000612	.005968	(*a*)	*a* .001290	.007870
504	92	.....	.....	*a* .000659	.011082	(*a*)	*a* .002879	.014620
505	92	.....	.....	*a* .000612	.007293	(*a*)	*a* .001719	.009624
506	92	.....	.....	*a* .000805	.020934	(*a*)	*a* .005880	.027619
507	92	.....	.....	*a* .000805	.019134	(*a*)	*a* .005300	.025239
508	92	.....	.....	*a* .000702	.008999	(*a*)	*a* .002169	.011870
509	92	.....	.....	*a* .000703	.009945	(*a*)	*a* .002474	.013122
510	92	.....	.....	*a* .000703	.011651	(*a*)	.003033	.015387
511	92	.....	.....	*a* .000733	.013735	(*a*)	*a* .003651	.018119
512	92	.....	.....	*a* .000637	.007862	(*a*)	*a* .001874	.010373
513	32	.003214	.003975	.002238	.008752	.000328	.000977	.019534
514	6	.002537	.002355	.001099	.005678	.000514	.001020	.013203
515	6	.003182	.002953	.001379	.007121	.000644	.001279	.016558
516	90	.002057	.002015	.001122	.003131	.000333	.001170	.009828
517	99	.....	.....	.002218	.019770	(*b*)	*b* .000634	.022622
518	96	.....	.....	.006705	.015735	(*b*)	*b* .001730	.024170
519	75	.001101	.001539	.001528	.005407	.000111	.000329	.010015
520	91	.002169	.001738	*c* .000751	*c* .005857	(*c*)	(*c*)	.010515
521	72	.....	.....	.001469	.008279	.000126	.000340	.010214
522	22	.002356	.003395	.001854	.008110	.000711	.001712	.018138
523	72	.....	.....	.001610	.004670	.000139	.000372	.006791
524	78	(*d*)	(*d*)	(*d*)	.012500	(*d*)	*d* .017500	.030000
525	22	.002138	.003080	.001682	.007358	.000645	.001553	.016456
526	87	.003887	.004142	.001646	.011221	.000638	.001395	.022929
527	7	.002683	.003300	.001315	.009274	.000509	.001663	.018749
528	26	.002926	.003064	.001310	.010950	.000325	.002605	.021180
529	26	.003199	.003351	.001433	.012754	.000356	.002849	.023942
530	73	.....	.....	.000841	.005842	.000138	.000138	.006959
531	74	.....	.....	.001162	.005636	.000155	.000082	.007035
532	94	.....	.....	.003202	.015093	(*e*)	*e* .004574	*f* .022869
533	66	.002745	.003025	.003657	.009771	.000813	.005140	.025151
534	76	.....	.....	.004256	.013269	.000429	.001180	.019134
535	76	.....	.....	.004312	.014156	.000435	.001449	.020652
536	88	.....	.....	(*g*)	*g* .033330	(*g*)	*g* .046850	.080180

a The expenditures for dressing, drawing-in, and cloth-room labor are inseparably combined with those for all other labor.

b The expenditures for cloth-room labor are inseparably combined with those for all other labor.

c The expenditures for dressing, cloth-room, and all other labor are inseparably combined with those for weaving.

d The expenditures for all labor, except weaving, are inseparably combined with those for all other labor.

e The expenditures for cloth-room labor and for officials and clerks, fuel and lighting, oil, other supplies and repairs, taxes, insurance, and depreciation are inseparably combined with those for all other labor.

f Including officials and clerks, fuel and lighting, oil, other supplies and repairs, taxes, insurance, and depreciation.

g The expenditures for all labor, except pay of weavers, are inseparably combined with those for all other labor.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF LABOR IN ONE YARD—Concluded.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain. The figures are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners.]

Product number.	Establishment number.	Opening, picking, carding, drawing, roving.	Spinning.	Spooling, warping, dressing, drawing-in.	Weaving.	Cloth room.	All other.	Total.
537	83	.....	.....	(a)	a $0.012126	$0.004000	b $0.001087	b $0.017213
538	66	$0.002025	$0.002232	$0.002698	.007209	.000600	.003858	.018622
539	66	.002250	.002480	.002998	.008011	.000666	.004311	.020716
540	66	.002588	.002853	.003448	.009214	.000767	.005036	.023906
541	66	.002951	.003251	.003930	.010502	.000874	.005971	.027479
542	92	.....	.....	c .000547	.004453	(c)	c .000869	.005869
543	92	.....	.....	c .000747	.004736	(c)	c .000765	.006248
544	92	.....	.....	c .000543	.009377	(c)	c .002453	.012373
545	7	.002204	.002706	.001079	.007604	.000417	.001364	.015374
546	92	.....	.....	c .000608	.006725	(c)	c .001541	.008874
547	92	.....	.....	c .000702	.008809	(c)	c .002113	.011624
548	92	.....	.....	c .000656	.007070	(c)	c .001641	.009367
549	92	.....	.....	c .000703	.014681	(c)	c .003986	.019370
550	92	.....	.....	c .000741	.018566	(c)	c .005183	.024490
551	92	.....	.....	c .002330	.012883	(c)	c .003367	.018580
552	92	.....	.....	c .000741	.016387	(c)	c .004489	.021617
553	92	.....	.....	c .000656	.007956	(c)	c .001883	.010495
554	92	.....	.....	c .000668	.010419	(c)	c .002661	.013748
555	92	.....	.....	c .000651	.013261	(c)	c .003581	.017493
556	92	.....	.....	c .000650	.028134	(c)	c .008325	.037109
557	92	.....	.....	c .000651	.021787	(c)	c .006282	.028720
558	92	.....	.....	c .000708	.011841	(c)	c .003067	.015616
559	5	.002307	.002909	.002076	.008653	.000498	.001888	.018331
560	99	.....	.....	.001810	.016204	(d)	d .000724	.018738
561	99	.....	.....	.001720	.012175	(d)	d .000407	.014302
562	92	.....	.....	c .000823	.018187	(c)	c .004977	.023987
563	7	.003340	.004100	.001634	.011522	.000632	.002066	.023294
564	92	.....	.....	c .000946	.018945	(c)	c .005102	.024993
565	92	.....	.....	c .001183	.032964	(c)	c .009333	.043480
566	6	.003400	.003155	.001473	.007608	.000688	.001367	.017691
567	87	.004553	.005040	.001662	.013959	.000747	.001635	.027596
568	87	.005000	.005618	.001905	.015437	.000821	.001795	.030576
569	87	.003830	.003487	.001299	.009890	.000637	.001376	.020519
570	80	.001140	.001410	.000750	.004050	.000070	.001000	.008420
571	77	.003000	.003100	.001500	.007100	(d)	d .000300	.015000
572	77	.003500	.003600	.001750	.013600	(d)	d .000900	.023350
573	96	.....	.....	.002619	.009125	(d)	d .001098	.012842
574	92	.....	.....	c .001012	.008146	(c)	c .001584	.010742
575	92	.....	.....	c .001100	.006820	(c)	c .001078	.008998
576	92	.....	.....	c .001034	.003978	(c)	c .000240	.005252
577	92	.....	.....	c .001034	.007199	(c)	c .001265	.009498
578	92	.....	.....	c .001335	.008052	(c)	c .001232	.010619
579	92	.....	.....	c .000842	.004831	(c)	c .000698	.006371
580	92	.....	.....	c .001540	.008147	(c)	c .001073	.010760
581	92	.....	.....	c .001540	.011368	(c)	c .002081	.014989
582	92	.....	.....	c .001927	.009094	(c)	c .000973	.011994

a The expenditures for warping, dressing, drawing-in, and twisting are inseparably combined with those for weaving.
b Not including dye-house labor, the expenditures for which were not reported.
c The expenditures for dressing, drawing-in, and cloth-room labor are inseparably combined with those for all other labor.
d The expenditures for cloth-room labor are inseparably combined with those for all other labor.

TABLE I.—COST OF PRODUCTION OF COTTON TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

I.—ELEMENTS OF COST IN ONE YARD.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States: those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
1	68	Southern district, United States.	Bagging	36.00	5.00	16.25	18.25	38	38	5.00
2	43	do	Bag goods	40.00	3.80	20.00	20.00	48	48	4.00
3	96	Great Britain.	Cambric, embroidery (*a*).	45.00	4.89	60.00	80.00	112	112	6.68
4	19	Northern district, United States.	Cambric, muslin	40.00	4.80	44.00	62.00	96	104	1.30
5	80	do	Cashmere (*a*)	40.00	5.12	36.00	50.00	60	108	1.32
6	57	Southern district, United States.	Chambray, dyed	27.00	7.00	30.00	40.00	72	60	3.00
7	47	do	Checks, dyed	27.00	3.95	16.00	16.00	52	36	4.00
8	47	do	Checks, dyed	30.00	3.57	16.00	16.00	52	48	4.00
9	67	do	Cheviot, dyed	27.00	3.45	14.00	14.00	72	40	3.00
10	64	do	Cheviot, dyed	30.00	4.65	22.00	22.00	58	56	
11	13	Northern district, United States.	Cottonade	28.00	2.27	5.00	5.00	64	28	2.50
12	92	Continent of Europe.	Cretonne (*a*)	27.17	3.85	17.00	19.00	62	51	7.40
13	91	do	Cretonne (*j*)	27.95	6.98	31.00	42.00	62	62	9.48
14	92	do	Cretonne (*a*)	29.92	3.86	24.00	30.00	102	51	8.39
15	92	do	Cretonne (*a*)	29.92	3.33	17.00	19.00	62	59	7.06
16	92	do	Cretonne (*a*)	29.92	2.56	19.00	19.00	111	55	7.54
17	92	do	Cretonne (*a*)	31.50	3.27	19.00	19.00	62	62	6.40
18	91	do	Cretonne (*j*)	31.50	3.06	16.00	21.00	62	62	12.21
19	92	do	Cretonne (*a*)	31.50	3.05	19.00	17.00	62	62	6.39
20	92	do	Cretonne (*a*)	31.50	2.82	24.00	9.00	67	48	5.64
21	92	do	Cretonne (*a*)	32.28	2.19	27.00	9.00	55	51	6.96
22	92	do	Cretonne (*a*)	33.07	2.82	24.00	19.00	111	51	7.07
23	92	do	Cretonne (*a*)	35.43	3.28	27.00	32.00	79	99	5.71
24	92	do	Cretonne (*a*)	35.43	3.25	24.00	38.00	67	132	4.91
25	92	do	Cretonne (*a*)	35.43	2.88	24.00	21.00	59	95	3.87
26	92	do	Cretonne (*a*)	35.43	2.07	16.00	9.00	45	62	3.60
27	92	do	Cretonne (*a*)	39.37	2.18	17.00	14.00	59	62	6.12
28	92	do	Cretonne (*a*)	43.31	2.12	17.00	17.00	61	62	6.38
29	92	do	Cretonne (*a*)	47.25	2.43	24.00	29.00	59	103	4.62
30	92	do	Cretonne (*a*)	47.25	1.28	17.00	5.00	71	33	5.76
31	92	do	Cretonne (*a*)	62.99	1.50	17.00	17.00	59	62	6.35
32	92	do	Cretonne (*a*)	70.87	1.32	17.00	17.00	59	62	6.38
33	92	do	Curtain goods (*a*)	34.45	2.60	33.00	44.00	87	102	5.16
34	92	do	Curtain goods (*a*)	44.10	1.95	19.00	21.00	83	73	7.32
35	92	do	Curtain goods (*a*)	78.74	1.28	17.00	17.00	58	55	6.76
36	85	Northern district, United States.	Damask, dyed (*k*)	54.00	1.77	20.00	17.00	58	72	15.04
37	85	do	Damask, dyed (*k*)	56.00	1.67	20.00	17.00	58	72	17.02

a Made in 1889.

b The yarn was bought, hence the cost of spinning and preceding operations is included with the cost of materials.

c The expenditures for officials and clerks, fuel and lighting, oil, taxes, insurance, and interest are inseparably combined with those for other supplies and repairs.

d Including insurance and interest.

e Including $0.003333 for bleaching.

f The expenditures for size, oil, and water power are inseparably combined with those for other supplies and repairs.

TABLE I.—COST OF PRODUCTION OF COTTON TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD.

Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.	Product number.
			Fuel and lighting.	Oil.	Other.				
$0.023684	$0.009111	$0.000796	$0.000252	$0.000056	$0.001555	$0.000826	$0.000109	$0.036389	1
.031380	.014213	.001939	.002165	.000242	.002292	.....	.000323	.052554	2
b .049924	b .022910	(c)	(c)	(c)	c .008751	.....	(c)	d .081585	3
.029232	.037096	.001711	.003491	.000239	e .005843	.....	.002073	e .079685	4
f .025240	.023390	.001600	.000890	(f)	f .003210	(f)	.000940	.055270	5
.017734	.011593	.001500	.001523	.000090	.001237	.....	.000151	.033828	6
.031441	.019171	.001239	.000307	.000091	.002024	.000381	.001517	.056171	7
.034715	.021167	.001368	.000339	.000100	.002235	.000420	.001675	.062019	8
.038274	.016734	.000780	g .000078	.000040	.001903	.....	.000399	.058208	9
.029860	.016188	.002016	.001980	.000115	.002207	.....	.001152	.053518	10
.049785	.007707	.000818	.001293	.000064	.001349	.000322	.000138	h .061476	11
b, i .042748	b .006751	.000245	.000612	(i)	i .000650	.....	.000062	.051068	12
.016964	.010596	.000979	.001105	.000161	.001620	.....	.000230	.031655	13
b, i .047657	b .006751	.000245	.000612	(i)	i .000651	.....	.000062	.055978	14
b, i .049525	b .008372	.000304	.000760	(i)	i .000809	.....	.000076	.059846	15
b, i .065914	b .007870	.000286	.000716	(i)	i .000760	.....	.000072	.075618	16
b, i .051169	b .008998	.000326	.000817	(i)	i .000869	.....	.000082	.062261	17
.041867	.012232	.001290	.001785	.000259	.002634	.....	.000371	.060438	18
b, i .054085	b .009121	.000331	.000829	(i)	i .000881	.....	.000083	.065330	19
b, i .055928	b .007191	.000263	.000659	(i)	i .000701	.....	.000067	.064809	20
b, i .075467	b .008495	.000309	.000772	(i)	i .000821	.....	.000077	.089941	21
b, i .062222	b .006997	.000254	.000636	(i)	i .000675	.....	.000064	.070918	22
b, i .060361	b .013994	.000508	.001272	(i)	i .001351	.....	.000127	.077613	23
b, i .060976	b .019996	.000726	.001815	(i)	i .001929	.....	.000182	.085624	24
b, i .068194	b .013122	.000476	.001192	(i)	i .001266	.....	.000120	.082370	25
b, i .083511	b .009121	.000331	.000829	(i)	i .000881	.....	.000083	.094756	26
b, i .073976	b .011368	.000413	.001034	(i)	i .001098	.....	.000104	.087993	27
b, i .076491	b .012573	.000449	.001123	(i)	i .001194	.....	.000113	.091743	28
b, i .079946	b .020243	.000734	.001838	(i)	i .001954	.....	.000185	.104900	29
b, i .121640	b .007488	.000273	.000682	(i)	i .000726	.....	.000069	.130878	30
b, i .109420	b .013868	.000685	.001714	(i)	i .001822	.....	.000172	.132681	31
b, i .124282	b .019617	.000710	.001782	(i)	i .001894	.....	.000180	.148465	32
b, i .079077	b .025619	.000929	.002327	(i)	i .002472	.....	.000234	.110658	33
b, i .087726	b .012743	.000463	.001158	(i)	i .001231	.....	.000116	.103437	34
b, i .127855	b .015492	.000562	.001408	(i)	i .001497	.....	.000141	.146955	35
b .089930	b .061835	.000468	.000649	.001874	.003876	.....	.000419	.159051	36
b .093431	b .062277	.000488	.000652	.001952	.004039	.....	.000437	.163276	37

g Lighting only.
h The goods are dyed by another establishment, at an additional cost of $0.011013.
i The expenditures for size and oil are inseparably combined with those for other supplies and repairs.
j Made in 1888.
k Made in 1890.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
38	79	Northern district, United States.	Denim, dyed (*a*)	28.00	2.50	11.00	10.00	78	42	3.00
39	47	Southern district, United States.	Denim, dyed	30.00	2.51	16.00	16.00	70	36	4.00
40	85	Northern district, United States.	Domett, dyed (*c*)	27.00	5.00	20.00	12.00	44	40	11.10
41	85	....do	Domett, dyed (*c*)	27.00	4.80	20.00	12.00	44	44	9.51
42	57	Southern district, United States.	Domett, dyed	27.00	4.25	23.00	12.50	48	40	3.00
43	58	....do	Domett, dyed	28.00	5.10	20.00	13.00	40	40	3.00
44	59	....do	Domett, dyed (*d*)	28.00	5.00	20.00	14.00	44	44	1.50
45	64	....do	Domett, dyed	28.00	4.15	22.00	11.00	48	48	.....
46	49	....do	Domett	36.00	2.20	13.60	7.00	48	44	7.00
47	49	....do	Domett	40.00	2.30	13.60	10.00	48	44	7.00
48	27	Northern district, United States.	Domett flannel	30.00	4.15	21.50	14.50	55	52	(*g*)
49	27	....do	Domett flannel	36.00	3.85	25.00	15.50	54	48	(*g*)
50	27	....do	Domett flannel	36.00	3.50	21.50	15.00	63	48	(*g*)
51	27	....do	Domett flannel	36.00	3.45	21.50	14.50	54	52	(*g*)
52	27	....do	Domett flannel	36.00	3.00	21.50	11.80	59	48	(*g*)
53	27	....do	Domett flannel	36.00	2.90	25.00	8.75	53	48	(*g*)
54	27	....do	Domett flannel	36.00	2.50	21.50	8.50	41	44	(*g*)
55	27	....do	Domett flannel	36.00	2.00	19.00	5.50	56	40	(*g*)
56	27	....do	Domett flannel	36.00	2.00	19.00	8.42	41	40	(*g*)
57	27	....do	Domett flannel	36.00	1.50	19.00	2.90	40	36	(*g*)
58	27	....do	Domett flannel	40.00	4.00	21.50	15.00	48	40	(*g*)
59	99	Great Britain.	Double warp (*h*)	39.00	2.34	36.00	20.00	54	90	5.36
60	76	....do	Dress goods, dyed	27.00	4.46	24.00	28.00	72	66	7.14
61	63	Southern district, United States.	Drilling	25.00	3.60	14.00	14.00	68	52	10.00
62	63	....do	Drilling	25.00	3.50	14.00	13.00	66	52	10.00
63	50	....do	Drilling	26.00	3.86	14.50	16.00	70	48	7.00
64	70	....do	Drilling	26.00	3.19	12.25	15.75	72	44	5.00
65	61	....do	Drilling	27.00	3.40	12.50	13.50	72	44	3.00
66	62	....do	Drilling	27.00	3.20	13.00	15.00	70	46	3.00
67	67	....do	Drilling	27.00	2.85	14.00	14.00	72	48	3.00
68	60	....do	Drilling	27.50	3.34	12.75	13.00	65	44	3.00
69	12	Northern district, United States.	Drilling	28.50	2.85	11.00	11.00	72	48	2.00
70	60	Southern district, United States.	Drilling	29.00	3.21	16.00	16.00	72	52	3.00
71	65	....do	Drilling	29.00	3.07	12.33	15.50	69	46	2.32
72	10	Northern district, United States.	Drilling	29.00	2.85	12.00	12.00	66	44	3.00
73	22	....do	Drilling	29.00	2.85	13.50	13.25	69	48	2.00
74	23	....do	Drilling	29.50	2.85	12.50	12.50	70	48	2.00

a Made in 1889; also known as overall cloth.
b The expenditures for dyeing materials and labor, amounting to $0.011000, are inseparably combined and are included with those for other supplies and repairs.
c Made in 1890.
d Also known as flannelette.
e The expenditures for oil are inseparably combined with those for other supplies and repairs.
f Exempt from taxes.
g Not reported.
h Made in 1889.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Continued.

Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.	Product number.
			Fuel and lighting.	Oil.	Other.				
b $0.049910	*b* $0.026100	$0.001110	$0.003680	$0.000110	*b* $0.014290	.....	$0.000700	$0.095900	38
.049358	.030095	.001945	.000482	.000143	.003177	$0.000597	.002382	.088179	39
.032884	.019419	.000163	.000226	.000652	.001349	.....	.000146	.054839	40
.034254	.020734	.000170	.000235	.000679	.001405	.....	.000152	.057629	41
.029208	.010332	.001307	.001327	.000078	.001078	.....	.000132	.043462	42
.026717	.008817	.001118	.000869	.000096	.001065	.....	.000205	.038887	43
.023523	.016185	.001689	.001490	.000120	.001242	.....	.000520	.044769	44
.033458	.013994	.001694	.001664	.000097	.001855	.....	.000968	.053730	45
.054933	.010695	.000455	.001618	(*e*)	*e* .001308	.....	(*f*)	.069009	46
.052545	.011641	.000495	.001760	(*e*)	*e* .001424	.....	(*f*)	.067865	47
.029625	.010977	.000396	.000871	.000085	.002316	.....	.000598	.044868	48
.031933	.013421	.000484	.001064	.000104	.002832	.....	.000732	.050570	49
.035127	.013440	.000485	.001066	.000104	.002835	.....	.000733	.053790	50
.035636	.013182	.000475	.001046	.000103	.002781	.....	.000719	.053942	51
.040981	.014388	.000519	.001141	.000112	.003036	.....	.000784	.060961	52
.042394	.014997	.000541	.001189	.000117	.003164	.....	.000818	.063220	53
.049177	.014869	.000536	.001180	.000116	.003137	.....	.000811	.069826	54
.061472	.016825	.000607	.001334	.000131	.003550	.....	.000917	.084836	55
.061472	.017341	.000626	.001375	.000135	.003659	.....	.000945	.085553	56
.081962	.019078	.000688	.001513	.000149	.004025	.....	.001040	.108455	57
.030736	.011672	.000421	.000926	.000091	.002462	.....	.000636	.046944	58
i .086423	*i* .014840	.000491	.000490	(*j*)	*j* .007195	.....	.000531	*k* .109970	59
i .062372	*i* .017212	.000277	.000485	.000035	.006130	.....	.000242	.086753	60
l .035246	.008350	.000841	.000649	(*l*)	*l* .002601	.....	.000274	.047961	61
l .036254	.008319	.000837	.000646	(*l*)	*l* .002591	.....	.000273	.048920	62
.030557	.009347	.001078	.001008	(*e*)	*e* .001851	.....	.000770	.044611	63
.033978	.011554	.001214	.000888	.000072	.003199	.....	.002658	.053563	64
.033406	.008496	.001166	.000147	.000030	.001965	.....	.000268	.045478	65
.032195	.007677	.000801	.000503	.000098	.002103	.....	.000266	.043643	66
.037560	.014134	.000945	*m* .000095	.000048	.002303	.....	.000483	.055568	67
.031200	.008316	.000954	.000572	.000106	.001760	.....	.000412	.043320	68
.040560	.019129	.002243	.000161	.000078	.002890	.....	.000779	.065840	69
.032465	.010774	.001235	.000741	000138	.002280	.....	.000534	.048167	70
l .037464	.014025	.000724	.001878	(*l*)	*l* .002076	.....	.001290	.057457	71
.040881	.013953	001335	.000857	.000100	.002918	.....	.000237	.060281	72
.042699	.010239	.000237	.000914	.000049	.000493	.....	.000623	.055254	73
.042889	.013288	.000445	.000934	.000071	.002888	.....	.000712	.061277	74

i The yarn was bought, hence the cost of spinning and preceding operations are included with the cost of materials.

j The expenditures for oil and interest are inseparably combined with those for other supplies and repairs.

k Including interest.

l The expenditures for size and oil are inseparably combined with those for other supplies and repairs.

m Lighting only.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

I.—ELEMENTS OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
75	64	Southern district, United States.	Drilling	30.00	5.81	14.00	13.00	72	48	8.00
76	11	Northern district, United States.	Drilling	30.00	5.60	20.00	22.00	60	40	2.00
77	6	....do	Drilling (*a*)	30.00	5.25	22.00	18.00	64	52	(*b*)
78	42	Southern district, United States.	Drilling	30.00	4.00	17.50	20.00	70	48	5.00
79	61	....do	Drilling	30.00	3.97	12.50	13.50	72	44	3.00
80	69	....do	Drilling	30.00	3.90	15.00	22.00	64	40	4.00
81	49	....do	Drilling	30.00	3.70	13.60	28.00	66	44	7.00
82	46	....do	Drilling	30.00	3.50	18.50	19.50	66	46	5.50
83	60	....do	Drilling	30.00	3.48	12.75	14.60	54	40	3.00
84	65	....do	Drilling	30.00	3.46	12.25	20.75	72	40	2.82
85	51	....do	Drilling	30.00	3.46	16.13	19.42	63	46	4.00
86	50	....do	Drilling	30.00	3.35	14.50	16.00	70	48	7.00
87	63	....do	Drilling	30.00	3.10	14.00	15.00	66	48	10.00
88	42	....do	Drilling	30.00	3.00	13.00	16.00	70	48	5.00
89	44	....do	Drilling	30.00	3.00	14.00	14.00	72	46	6.00
90	45	....do	Drilling	30.00	3.00	12.50	13.50	66	44	6.00
91	49	....do	Drilling	30.00	3.00	13.60	14.25	66	44	7.00
92	60	....do	Drilling	30.00	3.00	12.75	13.00	65	44	3.00
93	90	....do	Drilling (*g*)	30.00	3.00	12.50	13.50	66	46	6.00
94	65	....do	Drilling	30.00	2.86	12.33	14.00	69	48	2.82
95	49	....do	Drilling	30.00	2.85	12.00	14.25	66	44	7.00
96	27	Northern district, United States.	Drilling	30.00	2.82	12.75	13.75	70	48	(*b*)
97	70	Southern district, United States.	Drilling	30.00	2.72	12.25	18.00	72	44	5.00
98	39	....do	Drilling	30.50	3.14	13.70	16.10	70	48	6.25
99	47	....do	Drilling	30.50	2.86	13.00	16.50	70	48	4.00
100	61	....do	Drilling	30.50	2.86	12.50	13.50	72	44	3.00
101	11	Northern district, United States.	Drilling	31.00	5.50	20.00	22.00	60	40	2.00
102	40	Southern district, United States.	Drilling	31.00	3.40	14.75	15.00	72	46	10.00
103	91	Continent of Europe.	Drilling (*h*)	31.50	3.00	18.00	15.00	70	48	11.40
104	62	Southern district, United States.	Drilling	31.50	2.90	13.00	15.00	70	46	3.00
105	92	Continent of Europe.	Drilling (*i*)	34.25	2.64	24.00	12.00	69	59	4.19
106	52	Southern district, United States.	Drilling	35.00	2.77	13.00	13.50	66	44	14.00
107	92	Continent of Europe.	Drilling (*i*)	35.43	2.04	33.00	19.00	96	132	2.72
108	92	....do	Drilling (*i*)	35.43	1.97	17.00	5.00	37	37	2.83
109	11	Northern district, United States.	Drilling	37.00	4.55	18.00	20.00	60	40	2.00

a Three-leaf drilling.
b Not reported.
c The expenditures for oil are inseparably combined with those for other supplies and repairs.
d Exempt from taxes.
e The expenditures for size and oil are inseparably combined with those for other supplies and repairs.
f The expenditures for lighting are inseparably combined with those for other supplies and repairs.

TABLE I.—COST OF PRODUCTION OF COTTON TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Continued.

Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.	Product number.
			Fuel and lighting.	Oil.	Other.				
$0.019977	$0.007324	$0.000998	$0.000981	$0.000057	$0.001093	.....	$0.000570	$0.031000	75
.020614	.011078	.001466	.000179	.000104	.000887	.....	.000328	.034647	76
.023844	.009851	.000678	.000370	.000097	.001566	$0.000397	.000803	.037606	77
.028901	.010489	.001331	.001012	.000166	.002300	.....	.000202	.044401	78
.028610	.007092	.000974	.000123	.000025	.001640	.....	.000224	.038688	79
.028196	.010847	.001357	.000486	.000053	.002204	.000696	.000117	.043956	80
.032663	.011793	.000501	.001784	(c)	c.001442	.....	(d)	.048183	81
.030895	.010176	.001013	.000417	.000042	.001066	.000740	.001893	.046242	82
.029946	.008416	.000965	.000579	.000108	.001781	.....	.000417	.042212	83
e.033241	.013991	.000722	.001873	(c)	e.002071	.....	.001287	.053185	84
.040287	.016264	.001663	.001973	(c)	c.002766	.....	.000294	.063347	85
.035208	.010769	.001243	.001162	(c)	c.002133	.....	.000887	.051402	86
e.040931	.010057	.001013	.000782	(c)	e.003132	.....	.000329	.056244	87
.038535	.010738	.001363	.001036	.000170	.002355	.....	.000206	.054403	88
.036277	.010120	.001563	.001455	.000027	.001275	.....	.000406	.051123	89
.034806	.010035	.001167	f.000563	.000081	f.002283	.000457	.001767	.051159	90
.040285	.010412	.000443	.001574	(c)	c.001274	.....	(d)	.053988	91
.034738	.009258	.001062	.000637	.000118	.001959	.....	.000459	.048231	92
.044013	.010020	.000878	f.000609	.000031	f.001733	.000521	.001341	.059146	93
e.040215	.014413	.000744	.001929	(c)	e.002134	.....	.001326	.060761	94
.042405	.010201	.000433	.001543	(c)	c.001248	.....	(d)	.055830	95
.043597	.011745	.000424	.000932	.000091	.002478	.....	.000640	.059907	96
.039850	.013504	.001419	.001038	.000084	.003739	.....	.003106	.062740	97
.032339	.010046	.001250	.000859	.000081	.001698	.....	.000544	.046817	98
.037296	.010678	.001520	.000376	.000112	.002482	.000467	.001861	.054792	99
.039713	.009844	.001352	.000171	.000034	.002277	.....	.000310	.053701	100
.020988	.011279	.001493	.000173	.000108	.000904	.....	.000334	.035277	101
e.029576	.008497	.001274	.001303	(c)	e.001711	.....	.000570	.042931	102
.042836	.010702	.000807	.001314	.000181	.002070	.....	.000266	.058176	103
.035525	.008471	.000884	.000556	.000108	.002321	.....	.000293	.048158	104
e,j.062349	j.008752	.000317	.000793	(c)	e.000843	.....	.000080	.073134	105
.043418	.013699	.003037	.001478	(c)	c.003538	.....	.000310	.065480	106
e,j.091606	j.017104	.000621	.001377	(c)	e.001652	.....	.000150	.112516	107
e,j.067997	j.005746	.000208	.000523	(c)	e.000556	.....	.000052	.075082	108
.025371	.012324	.001631	.000189	.000116	.000987	.....	.000364	.040982	109

g Made in 1890.
h Made in 1888.
i Made in 1889.
j The yarn was bought, hence the cost of spinning and preceding operations is included with the cost of materials.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
110	42	Southern district, United States.	Drilling	37.00	4.50	17.50	20.00	44	44	5.00
111	9	Northern district, United States.	Drilling	37.00	3.62	16.00	19.00	56	56	4.53
112	70	Southern district, United States.	Drilling	37.00	3.50	16.50	20.00	64	40	5.00
113	49	....do	Drilling	37.00	2.65	13.60	16.00	66	44	7.00
114	90	....do	Drilling (c)	37.00	2.61	12.50	13.50	66	42	6.00
115	44	....do	Drilling	37.00	2.50	14.00	14.00	72	44	6.00
116	45	....do	Drilling	37.00	2.42	12.50	13.50	66	44	6.00
117	60	....do	Drilling	37.00	2.42	12.75	13.00	65	44	3.00
118	61	....do	Drilling	37.00	2.37	12.50	13.50	72	44	3.00
119	44	....do	Drilling	37.00	2.20	14.00	14.00	72	48	6.00
120	47	....do	Drilling	37.00	1.93	10.00	12.00	83	46	4.00
121	47	....do	Drilling	37.00	1.65	10.00	10.40	83	46	4.00
122	30	Northern district, United States.	Drilling	39.00	4.28	40.00	35.00	76	84	1.00
123	4	....do	Drilling	40.00	3.99	30.00	36.00	76	84	3.99
124	47	Southern district, United States.	Drilling	46.00	1.75	13.00	12.00	76	42	4.00
125	47	....do	Drilling	51.00	1.81	13.00	16.50	70	42	4.00
126	70	....do	Duck	27.00	2.56	12.25	7.75	72	32	5.00
127	70	....do	Duck	28.50	2.00	12.25	5.25	72	32	5.00
128	70	....do	Duck	29.00	2.67	12.25	7.75	72	24	5.00
129	10	Northern district, United States.	Duck	29.00	2.00	10.00	e12.00	32	32	3.00
130	70	Southern district, United States.	Duck	30.00	2.28	12.25	7.75	72	32	5.00
131	12	Northern district, United States.	Duck	30.00	2.00	11.00	11.00	40	20	2.00
132	13	....do	Duck	30.00	2.00	10.50	7.25	88	32	2.50
133	47	Southern district, United States.	Duck	30.00	1.65	7.50	3.00	83	28	4.00
134	13	Northern district, United States.	Duck	36.00	1.60	10.50	7.25	88	32	2.50
135	12	....do	Duck	38.00	2.00	11.00	e11.00	30	16	2.00
136	47	Southern district, United States.	Duck	38.00	1.81	13.00	13.00	83	28	4.00
137	49	....do	Duck	40.00	2.60	13.60	10.00	72	24	7.00
138	13	Northern district, United States.	Duck	40.00	1.42	10.50	7.25	88	32	2.50
139	70	Southern district, United States.	Duck	46.00	1.79	12.25	6.00	72	32	5.00
140	47	....do	Duck	46.00	1.49	13.00	13.00	83	28	4.00
141	70	....do	Duck	46.00	1.44	12.25	5.25	72	32	5.00
142	47	....do	Duck	51.00	1.34	13.00	13.00	83	28	4.00
143	47	....do	Duck	57.00	1.20	13.00	13.00	83	28	4.00
144	27	Northern district, United States.	Flannel	25.50	5.25	25.00	19.50	86	46	(f)

a The expenditures for oil are inseparably combined with those for other supplies and repairs.
b Exempt from taxes.
e Made in 1899.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Continued.

Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.	Product number.
			Fuel and lighting.	Oil.	Other.				
$0.025690	$0.009439	$0.001198	$0.000911	$0.000150	$0.002070	.....	$0.000181	$0.039639	110
.036274	.014497	.001385	.000743	.000083	.002086	.....	.000569	.055637	111
.030968	.012622	.001327	.000970	.000078	.003495	.....	.002904	.052364	112
.045605	.012383	.000526	.001873	(a)	a .001515	.....	(b)	.061902	113
.051070	.011370	.000975	d .000710	.000035	d .001922	$0.000607	.001465	.068154	114
.043532	.012143	.001876	.001746	.000033	.001530	.....	.000488	.061343	115
.043148	.012440	.001447	d .000698	.000100	d .002829	.000567	.002191	.063420	116
.043062	.011477	.001316	.000790	.000147	.002429	.....	.000569	.059790	117
.047923	.011660	.001601	.000202	.000041	.002697	.....	.000368	.064492	118
.049168	.013799	.002131	.001985	.000037	.001739	.....	.000554	.069713	119
.055307	.011926	.001698	.000421	.000124	.002772	.000521	.002078	.074847	120
.064586	.013186	.001877	.000464	.000138	.003065	.000576	.002298	.086190	121
.028394	.028948	.000677	.001229	.000121	.001895	.....	.000744	.062008	122
.029957	.022717	.000772	.000554	.000147	.002423	.....	.000950	.057520	123
.061107	.015552	.002214	.000547	.000162	.003614	.000680	.002710	.086586	124
.058815	.016721	.002380	.000589	.000175	.003886	.000731	.002913	.086210	125
.042341	.010600	.001114	.000814	.000066	.002936	.....	.002439	.060310	126
.054195	.013039	.001371	.001001	.000081	.003611	.....	.002999	.076297	127
.040596	.010466	.001100	.000804	.000065	.002898	.....	.002408	.058337	128
.058255	.019643	.001796	.001154	.000135	.003926	.....	.000319	.085228	129
.047540	.011002	.001251	.000914	.000074	.003296	.....	.002738	.067715	130
.057798	.027259	.003197	.000230	.000112	.004118	.....	.001110	.093824	131
.056506	.016848	.001789	.002825	.000141	.002919	.000704	.000302	.082064	132
.064703	.007608	.001083	.000293	.000080	.001768	.000333	.001326	.077169	133
.070632	.021060	.002236	.003561	.000176	.003687	.000880	.000378	.102580	134
.057798	.028145	.003196	.000230	.000112	.004118	.....	.001110	.094709	135
.058912	.015420	.002195	.000544	.000161	.003584	.000674	.002687	.084177	136
.046482	.011009	.000468	.001665	(a)	a .001346	.....	(b)	.060970	137
.079586	.023730	.002520	.003978	.000198	.004154	.000992	.000425	.115583	138
.060553	.018023	.001895	.001385	.000112	.004991	.....	.004146	.091105	139
.071661	.018757	.002670	.000661	.000196	.004359	.000820	.003268	.102392	140
.075271	.019284	.002027	.001481	.000120	.005340	.....	.004436	.107959	141
.079754	.020875	.002971	.000735	.000218	.004852	.000913	.003638	.113956	142
.089008	.023293	.003316	.000821	.000243	.005415	.001018	.004059	.127173	143
.023418	.011064	.000399	.000878	.000086	.002335	.....	.000603	.038783	144

d The expenditures for lighting are inseparably combined with those for other supplies and repairs.
a Two-ply.
f Not reported.

TABLE 5.—COST OF PRODUCTION OF COTTON TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent of sizing.
						Warp.	Weft.	Warp.	Weft.	
145	27	Northern district, United States.	Flannel	27.00	5.00	25.00	19.50	81	48	(a)
146	27	....do	Flannel	27.00	4.50	25.00	15.00	81	48	(a)
147	27	....do	Flannel	27.50	2.60	21.50	6.50	74	48	(a)
148	27	....do	Flannel	28.00	4.00	25.00	12.50	78	48	(a)
149	27	....do	Flannel	28.00	3.75	21.50	12.50	76	48	(a)
150	27	....do	Flannel	28.00	3.30	21.50	9.75	78	48	(a)
151	27	....do	Flannel	29.00	3.50	21.50	11.75	73	48	(a)
152	27	....do	Flannel	30.00	3.25	21.50	11.75	73	52	(a)
153	27	....do	Flannel	30.00	3.00	21.50	9.75	73	52	(a)
154	27	....do	Flannel	30.00	2.75	21.50	7.80	73	52	(a)
155	27	....do	Flannel	30.00	2.00	21.50	5.50	72	48	(a)
156	27	....do	Flannel	32.00	3.25	25.00	13.50	72	60	(a)
157	27	....do	Flannel	32.00	2.90	21.50	9.75	69	52	(a)
158	27	....do	Flannel	32.00	1.43	19.00	3.50	71	42	(a)
159	27	....do	Flannel	32.50	1.60	19.00	3.90	71	42	(a)
160	27	....do	Flannel	36.50	3.00	25.00	10.65	59	48	(a)
161	27	....do	Flannel	38.00	1.95	21.50	6.50	67	48	(a)
162	66	Southern district, United States.	Gingham, dyed	25.50	4.95	14.50	14.50	44	38	.....
163	94	Great Britain.	Gingham, dyed (c)	26.00	8.00	32.00	d50.00	64	68	(a)
164	83	Northern district, United States.	Gingham, dyed (c)	26.00	6.75	22.00	22.00	48	44	(a)
165	79	....do	Gingham, dyed (c)	26.00	6.25	22.00	30.00	70	52	3.13
166	8	....do	Gingham, dyed	26.50	6.80	27.00	27.00	56	52	(a)
167	66	Southern district, United States.	Gingham, dyed	27.00	4.53	14.50	14.50	44	40	.....
168	94	Great Britain.	Gingham, dyed (c)	43.00	(a)	28.00	k32.00	44	48	(a)
169	77	Northern district, United States.	India linon (c)	30.00	13.65	65.00	75.00	64	64	2.00
170	77	....do	India linon (c)	33.00	10.22	80.00	100.00	96	100	2.00
171	96	Great Britain.	Jaconet (c)	36.00	7.89	80.00	120.00	116	140	6.48
172	82	Northern district, United States.	Kentucky jeans, dyed (c, o).	27.00	2.00	16.00	7.00	62	64	1.63
173	85	....do	Kentucky jeans, dyed (o, q).	27.00	2.00	16.00	6.00	64	66	3.56
174	80	....do	Lawn (c, s)	30.88	7.68	28.00	41.00	56	56	1.80
175	66	Southern district, United States.	Lining	35.00	9.95	26.50	40.00	36	30	2.01
176	66	....do	Lining	35.00	8.46	25.50	34.50	40	32	2.01
177	66	....do	Lining	35.00	6.69	25.50	34.50	48	48	2.01

a Not reported.
b The expenditures for oil are inseparably combined with those for other supplies and repairs.
c Made in 1889.
d No. 50 pin cop yarn was also used.
e The yarn was bought, hence the cost of spinning and preceding operations is included with the cost of materials.
f The expenditures for officials and clerks, fuel and lighting, oil, other supplies and repairs, taxes, insurance, and depreciation are inseparably combined with those for labor.
g Including insurance and depreciation.
h Not including dye-house labor, the expenditures for which were not reported.
i The expenditures for dyeing materials and labor, amounting to $0.005000, are inseparably combined and are included with those for other supplies and repairs.
j The expenditures for dyeing materials and labor, amounting to $0.006985, are inseparably combined and, with those for size and oil, are included with the expeditures for other supplies and repairs.

TABLE I.—COST OF PRODUCTION OF COTTON TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Continued.

Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.	Product number.
			Fuel and lighting.	Oil.	Other.				
$0.024589	$0.011552	$0.000417	$0.000916	$0.000090	$0.002437	.....	$0.000630	$0.040631	145
.027321	.011902	.000429	.000944	.000092	.002511	.....	.000649	.043848	146
.017286	.013101	.000545	.001198	.000117	.003186	.....	.000824	.068256	147
.030736	.012735	.000460	.001010	.000099	.002687	.....	.000694	.048421	148
.032785	.012094	.000436	.000959	.000094	.002552	.....	.000660	.049580	149
.037256	.012981	.000468	.001029	.000101	.002739	.....	.000708	.055282	150
.035127	.012678	.000457	.001005	.000099	.002675	.....	.000691	.052732	151
.037829	.013506	.000487	.001071	.000105	.002850	.....	.000736	.056584	152
.040981	.013935	.000503	.001105	.000108	.002940	.....	.000760	.060332	153
.044707	.014460	.000522	.001147	.000112	.003051	.....	.000788	.064787	154
.061472	.019002	.000686	.001507	.000143	.004009	.....	.001036	.087860	155
.037829	.015310	.000552	.001214	.000119	.003230	.....	.000835	.059089	156
.042394	.014277	.000515	.001132	.000111	.003012	.....	.000779	.062220	157
.085974	.023303	.000841	.001848	.000181	.004917	.....	.001270	.118334	158
.076810	.021063	.000760	.001670	.000164	.004444	.....	.001148	.106089	159
.040981	.015571	.000562	.001235	.000121	.003285	.....	.000849	.062604	160
.063048	.019070	.000710	.001560	.000153	.004150	.....	.001072	.090363	161
.027818	.015564	.001050	.002068	(*b*)	*b* .002200	.....	.000936	.049636	162
e.028726	*e,f*.021156	(*f*)	(*f*)	(*f*)	(*f*)	.....	(*f*)	*g*.049882	163
e.033413	*e,h*.015913	.000956	.000334	.000067	.000573	.....	.000115	*h*.051371	164
i.020280	*i*.023600	.001120	.003690	.000110	*i*.009500	.....	.000700	.059000	165
j.020993	*j*.024419	.001343	.001147	(*j*)	*j*.007803	.....	.001048	.056758	166
.030397	.017007	.001147	.002260	(*b*)	*b*.002404	.....	.001023	.054238	167
e.041302	*e,f*.020277	(*f*)	(*f*)	(*f*)	(*f*)	.....	(*f*)	*g*.061579	168
l.012900	.012575	.000200	.000600	(*l*)	*l*.001200	.....	.000400	.027875	169
l.017100	.021400	.000200	.001000	(*l*)	*l*.003700	.....	.000500	.043900	170
e.049949	*e*.030036	(*m*)	(*m*)	(*m*)	.017193	.....	(*m*)	*n*.097178	171
p.067513	.032514	.003435	.002095	(*b*)	*b*.003624	.....	.000462	*p*.109643	172
e,r.092381	*e*.026963	.000407	.000565	.001630	.003372	.....	.000365	*r*.125683	173
t.015590	.010490	.000869	.000470	(*t*)	*t*.001710	(*t*)	.002500	.029620	174
l.011416	.015818	.001175	.002316	(*l*)	*l*.002464	.....	.001048	.034237	175
l.013427	.016814	.001250	.002461	(*l*)	*l*.002619	.....	.001114	.037685	176
l.016979	.021623	.001607	.003166	(*l*)	*l*.003368	.....	.001432	.048175	177

k No. 24 pin cop yarn was also used.

l The expenditures for size and oil are inseparably combined with those for other supplies and repairs.

m The expenditures for officials and clerks, fuel and lighting, oil, taxes, insurance, and interest are inseparably combined with those for other supplies and repairs.

n Including insurance and interest.

o Also known as doeskin.

p Including $0.009600 for wool.

q Made in 1899.

r Including $0.007072 for wool.

s Also known as batiste.

t The expenditures for size, oil, and water power are inseparably combined with those for other supplies and repairs.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

I.—ELEMENTS OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
178	99	Great Britain	Long cloth (*a*)	39.00	4.20	50.00	50.00	100	116	7.87
179	30	Northern district, United States.	Mock leno	40.00	5.92	40.00	44.00	56	56	1.00
180	41	Southern district, United States.	Osnaburg	28.00	2.28	5.50	6.00	30	30	2.00
181	52	....do	Osnaburg	29.00	3.33	8.00	8.00	30	30	14.00
182	52	....do	Osnaburg	29.00	2.90	8.00	6.50	30	32	14.00
183	41	....do	Osnaburg	29.00	2.66	8.00	8.50	29	29	2.00
184	52	....do	Osnaburg	30.00	2.90	8.50	7.75	40	32	14.00
185	52	....do	Osnaburg	30.00	2.28	6.00	7.00	36	30	14.00
186	49	....do	Osnaburg	30.00	2.00	5.50	6.00	32	32	7.00
187	52	....do	Osnaburg	30.00	2.00	5.75	5.50	36	30	14.00
188	66	....do	Osnaburg	30.00	2.00	6.00	5.50	36	31	2.01
189	41	....do	Osnaburg	31.50	2.00	5.50	6.00	30	30	2.00
190	13	Northern district, United States.	Osnaburg	36.00	2.40	8.00	7.25	64	28	2.50
191	38	....do	Osnaburg plaid, dyed.	27.00	4.65	20.00	20.00	81	38	(*i*)
192	78	....do	Percale (*a*)	(*i*)	5.00	60.00	82.00	116	130	(*i*)
193	92	Continent of Europe.	Percale (*a*)	47.25	3.78	41.00	65.00	88	128	3.37
194	92	....do	Percale (*a*)	47.25	3.24	41.00	53.00	88	117	3.18
195	92	....do	Percale (*a*)	53.15	4.01	41.00	65.00	88	84	4.05
196	92	....do	Percale (*a*)	53.15	3.67	53.00	71.00	99	132	3.26
197	92	....do	Percale (*a*)	53.15	3.38	41.00	53.00	88	103	3.41
198	92	....do	Percale (*a*)	53.15	3.21	41.00	65.00	88	139	3.24
199	92	....do	Percale (*a*)	53.54	2.74	47.00	59.00	106	165	2.56
200	92	....do	Percale (*a*)	59.05	3.12	47.00	59.00	96	117	3.38
201	92	....do	Percale (*a*)	59.05	3.11	47.00	59.00	96	95	3.71
202	93	....do	Pilot (*l*)	27.49	1.75	16.00	12.00	61	155	.....
203	66	Southern district, United States.	Plaid, dyed	24.00	6.27	14.50	14.50	40	32	.....
204	64	....do	Plaid, dyed	25.00	6.00	14.00	14.00	38	34	.....
205	56	....do	Plaid, dyed	25.00	5.75	14.50	15.00	40	38	3.00
206	64	....do	Plaid, dyed	25.00	5.00	14.00	14.00	44	38	.....
207	47	....do	Plaid, dyed	25.00	4.89	16.00	16.00	44	36	4.00
208	84	Northern district, United States.	Plaid (*a*)	26.00	4.90	17.50	16.50	46	36	2.00
209	66	Southern district, United States.	Plaid, dyed	27.00	4.75	10.50	10.50	48	40	.....

a Made in 1889.
b The yarn was bought, hence the cost of spinning and preceding operations is included with the cost of materials.
c The expenditures for oil and interest are inseparably combined with those for other supplies and repairs.
d The expenditures for insurance are inseparably combined with those for taxes.
e Including insurance and interest.
f The expenditures for oil are inseparably combined with those for other supplies and repairs.
g Exempt from taxes.
h The expenditures for size and oil are inseparably combined with those for other supplies and repairs.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Continued.

Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.	Product number.
			Fuel and lighting.	Oil.	Other.				
b $0.064211	*b* $0.016656	$0.000543	$0.000543	(*c*)	$0.006880*c*	.....	$0.000603*d*	*e* $0.089436	178
.020509	.023494	.000550	.000998	$0.000098	.001537	.....	.000604	.047790	179
.040078	.009208	.001727	.000821	(*f*)	*f*. 001078	.....	.000260	.053172	180
.036116	.006906	.001531	.000745	(*f*)	*f*. 001784	.....	.000157	.047239	181
.041472	.007167	.001588	.000774	(*f*)	*f*. 001851	.....	.000162	.053014	182
.034353	.011325	.002123	.001010	(*f*)	*f*. 001325	.....	.000320	.050456	183
.041472	.008099	.001795	.000874	(*f*)	*f*. 002092	.....	.000183	.054515	184
.052749	.008132	.001803	.000878	(*f*)	*f*. 002100	.....	.000184	.065846	185
.060127	.006480	.000275	.000080	(*f*)	*f*. 000792	.....	(*g*)	.068954	186
.060134	.008106	.001797	.000875	(*f*)	*f*. 002094	.....	.000184	.073190	187
h. 056794	.013911	.001034	.002037	(*h*)	*h*. 002167	.....	.000921	.076864	188
.045689	.010498	.001969	.000936	(*f*)	*f*. 001228	.....	.000297	.060617	189
.047088	.011328	.001203	.001899	.000095	.001983	$0.000474	.000203	.064273	190
.030715	.018987	.000550	.001109	.000751	.001242	.....	.000106	.053460	191
.033740	.048420	(*i*)	(*j*)	(*j*)	*j*. 011300	.....	(*j*)	*k*. 093460	192
b,*h*. 078250	*b*. 026737	.000971	.002430	(*h*)	*h*. 002582	.....	.000244	.111214	193
b,*h*. 070995	*b*. 024367	.000884	.002213	(*h*)	*h*. 002353	.....	.000223	.101035	194
b,*h*. 071173	*b*. 020489	.000744	.001862	(*h*)	*h*. 001979	.....	.000187	.096434	195
b,*h*. 089870	*b*. 032359	.001175	.002940	(*h*)	*h*. 003126	.....	.000295	.129765	196
b,*h*. 075126	*b*. 024870	.000902	.002257	(*h*)	*h*. 002400	.....	.000227	.105782	197
b,*h*. 092984	*b*. 032739	.001188	.002973	(*h*)	*h*. 003160	.....	.000299	.133343	198
b,*h*. 098248	*b*. 039110	.001420	.003552	(*h*)	*h*. 003776	.....	.000357	.146463	199
b,*h*. 076757	*b*. 028235	.001025	.002566	(*h*)	*h*. 002728	.....	.000258	.111569	200
b,*h*. 077313	*b*. 023116	.000838	.002100	(*h*)	*h*. 002232	.....	.000211	.105810	201
b. 095594	*b*. 019377	(*m*)	(*m*)	(*m*)	*m*. 004450	.....	(*m*)	*n*. 119421	202
.021961	.012288	.000829	.001633	(*f*)	*f*. 001737	.....	.000738	.039186	203
.022223	.008377	.000994	.000977	.000057	.001088	.....	.000568	.034284	204
b. 029628	*b*. 007476	.001017	.000722	.000042	.001063	.....	.000180	.040128	205
.026668	.010052	.001193	.001172	.000068	.001306	.....	.000682	.041141	206
.025380	.015476	.001001	.000247	.000073	.001634	.000307	.001225	.045343	207
b. 042999	*b*. 010568	.000200	.000900	.000100	.001300	.....	.000100	.056167	208
.028989	.012159	.000792	.001561	(*f*)	*f*. 001660	.....	.000706	.045867	209

i Not reported.
j The expenditures for fuel and lighting, oil, taxes, and insurance are inseparably combined with those for other supplies and repairs.
k Including insurance and not including officials and clerks.
l Cloth for making overalls; made in 1890.
m The expenditures for officials and clerks, fuel and lighting, oil, taxes, and insurance are inseparably combined with those for other supplies and repairs.
n Including insurance.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

I.—ELEMENTS OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
210	67	Southern district, United States.	Plaid, dyed	27.00	4.35	14.00	14.00	40	48	3.00
211	66	....do	Plaid, dyed	27.00	4.19	14.50	14.50	48	42	.....
212	66	....do	Plaid, dyed	27.00	3.97	14.50	14.50	48	49	.....
213	47	....do	Plaid, dyed	27.50	4.29	16.00	16.00	52	48	4.00
214	55	....do	Plaid, dyed	28.00	4.00	12.00	13.00	40	40	3.00
215	53	....do	Plaid, dyed	38.00	6.00	15.00	15.00	38	34	3.00
216	33	Northern district, United States.	Print cloth	27.00	8.25	28.20	40.20	56	60	2.24
217	31	....do	Print cloth	27.00	8.14	28.00	40.00	56	60	1.72
218	81	....do	Print cloth (c)	28.00	8.00	28.00	36.00	56	60	2.24
219	14	....do	Print cloth	28.00	7.13	29.00	37.00	64	64	6.41
220	20	....do	Print cloth	28.00	7.01	28.00	36.00	64	64	5.04
221	2	....do	Print cloth	28.00	7.00	28.00	36.00	64	64	5.19
222	15	....do	Print cloth	28.00	7.00	28.00	36.00	64	64	5.19
223	16	....do	Print cloth	28.00	7.00	28.00	37.00	64	64	2.88
224	17	....do	Print cloth	28.00	7.00	28.00	36.00	64	64	5.19
225	18	....do	Print cloth	28.00	7.00	28.00	36.00	64	64	2.72
226	34	....do	Print cloth	28.00	7.00	28.50	38.50	64	64	2.21
227	30	....do	Print cloth	28.00	6.96	28.00	34.50	64	64	1.00
228	29	....do	Print cloth	28.00	6.94	26.66	36.84	64	64	6.72
229	25	....do	Print cloth	28.00	6.93	28.00	36.15	64	64	1.61
230	25	....do	Print cloth	28.00	6.72	28.32	34.17	64	64	(e)
231	25	....do	Print cloth	28.00	6.27	28.00	28.00	64	67	(e)
232	24	....do	Print cloth	29.00	6.88	28.00	36.00	64	64	2.00
233	71	Continent of Europe.	Print cloth	29.92	9.53	36.00	42.00	55	48	3.31
234	93	....do	Print cloth (i)	30.00	3.20	16.00	16.00	64	56	.....
235	25	Northern district, United States.	Print cloth	31.50	5.31	30.65	45.40	64	120	1.23
236	95	Great Britain.	Print cloth (c)	32.00	7.48	33.00	49.00	64	64	6.45
237	72	....do	Print cloth	34.00	6.21	32.00	36.00	64	64	3.49
238	26	Northern district, United States.	Print cloth	35.00	5.00	28.00	33.00	68	72	3.98
239	30	....do	Print cloth	35.00	4.98	35.00	35.00	68	72	1.00
240	25	....do	Print cloth	35.00	4.95	28.36	36.45	68	72	(e)
241	96	Great Britain.	Print cloth (c)	36.00	4.44	32.00	46.00	80	96	6.44
242	71	Continent of Europe.	Print cloth	36.22	6.12	36.00	42.00	66	66	3.14
243	2	Northern district, United States.	Print cloth	38.00	5.16	28.00	36.00	64	64	5.19
244	2	....do	Print cloth	44.00	4.45	28.00	36.00	64	64	5.19
245	71	Continent of Europe.	Print cloth	46.88	3.88	36.00	42.00	81	81	3.12

a Lighting only.
b The expenditures for oil are inseparably combined with those for other supplies and repairs.
c Made in 1889.
d The expenditures for size are inseparably combined with those for other supplies and repairs.
e Not reported.
f The expenditures for size, officials and clerks, fuel and lighting, oil, taxes, and insurance are inseparably combined with those for other supplies and repairs. The total expenditures for these items were separately reported and are separately shown in that portion of the tabulation relating to the establishment as a whole, pages 29, 33, and 35; but the unit costs were reported simply as above and can neither be separated nor verified.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Continued.

Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.	Product number.
			Fuel and lighting.	Oil.	Other.				
$0.030355	$0.013271	$0.000619	*a* $0.000062	$0.000032	$0.001509	.....	$0.000317	$0.046165	210
.032864	.018387	.001240	.002443	(*b*)	*b* .002599	.....	.001106	.058639	211
.034685	.019406	.001309	.002579	(*b*)	*b* .002743	.....	.001166	.061888	212
.028926	.017637	.001140	.000282	.000084	.001862	$0.000350	.001396	.051677	213
.034325	.011885	.000935	.001179	.000106	.001323	.....	.000157	.049910	214
.022011	.009061	.000945	.001064	.000071	.001158	.....	.000236	.034546	215
.016072	.008177	.000213	.000311	.000041	.000651	.000544	.000739	.026748	216
.015502	.007768	.000308	.000270	.000041	.000754	.000602	.000735	.025980	217
d .015200	.009577	.000833	.001192	.000083	*d* .001000	.....	.000100	.027985	218
.016180	.009671	.000389	.001224	.000078	.000965	.....	.000478	.028985	219
.015143	.009245	.000570	.000983	.000065	.000850	.....	.000785	.027641	220
.017077	.011124	.000548	.000509	.000066	.000335	.....	.000434	.030093	221
.016935	.009771	.000423	.001123	.000097	.000552	.....	.000699	.029600	222
.016567	.009754	.000459	.001036	.000070	.000851	.....	.000637	.029365	223
.016737	.008714	.000357	.001067	.000079	.000647	.....	.000494	.028095	224
.016921	.009935	.000440	.001189	.000135	.000183	.....	.000643	.029446	225
.018015	.010124	.000972	.001169	.000096	.000333	.....	.000546	.031255	226
.017469	.014889	.000348	.000632	.000062	.000975	.....	.000383	.034758	227
.017381	.011488	.000482	.000768	.000080	.002673	.....	.000316	.033188	228
.017440	.011576	.000330	.000932	.000063	.001985	.....	.000348	.032674	229
.017982	.011627	.000331	.000936	.000063	.001994	.....	.000350	.033283	230
.019284	.011172	.000319	.000900	.000060	.001916	.....	.000336	.033087	231
.017260	.012189	.000449	.001234	.000047	.000182	.....	.000445	.031806	232
f,g. 019695	*g* .005157	(*f*)	(*f*)	(*f*)	*f* .001850	.....	(*f*)	*h* .026702	233
g .049835	*g* .005697	(*j*)	(*j*)	(*j*)	*j* .003951	.....	(*j*)	*h* .059483	234
.022770	.018973	.000541	.001528	.000102	.003254	.....	.000571	.047739	235
g .022602	*g* .007237	(*k*)	(*k*)	(*k*)	*k*. 001311	.....	(*k*)	*l* .031150	236
g .026618	*g* .007036	.000241	.000261	.000052	.000097	.....	.000054	.034359	237
.024436	.015583	.000615	.000868	.000111	.002660	.000231	.000591	.045095	238
.024392	.023285	.000545	.000988	.000097	.001524	.....	.000599	.051430	239
.024406	.016423	.000468	.001322	.000089	.002817	.....	.000494	.046019	240
gm.038565	*g* .014539	(*k*)	(*k*)	(*k*)	*k* .006198	.....	(*k*)	*n* .059302	241
f,g. 030750	*g* .007035	(*f*)	(*f*)	(*f*)	*f* .002394	.....	(*f*)	*h* .040179	242
.023175	.015097	.000743	.000691	.000090	.000454	.....	.000589	.040839	243
.026838	.017483	.000861	.000800	.000104	000526	.....	.000682	.047294	244
f,g. 048486	*g* .011752	(*f*)	(*f*)	(*f*)	*f* .003790	.....	(*f*)	*h* .063938	245

g The yarn was bought, hence the cost of spinning and preceding operations is included with the cost of materials.
h Including insurance.
i Made in 1890.
j The expenditures for officials and clerks, fuel and lighting, oil, taxes, and insurance are inseparably combined with those for other supplies and repairs.
k The expenditures for officials and clerks, fuel and lighting, oil, taxes, insurance, and interest are inseparably combined with those for other supplies and repairs.
l Including insurance and interest.
m Not including the expenditures for size, which were not reported.
n Including insurance and interest and not including size.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
246	30	Northern district, United States.	Sateen	28.00	5.83	28.00	39.00	64	88	1.00
247	76	Great Britain.	Sateen, dyed (*a*)	29.00	2.84	24.00	20.00	120	68	6.98
248	92	Continent of Europe.	Sateen (*c*)	30.32	2.97	24.00	25.00	78	121	2.31
249	30	Northern district, United States.	Sateen	31.00	5.49	28.00	45.00	64	120	1.00
250	80	....do	Sateen (*c*)	31.50	5.50	30.00	50.00	64	124	1.41
251	80	....do	Sateen (*c*)	32.50	4.91	28.00	32.00	64	88	1.23
252	97	Great Britain.	Sateen (*c*)	33.00	5.63	60.00	70.00	104	180	1.95
253	98	....do	Sateen (*c*)	35.00	4.62	50.00	60.00	104	160	11.54
254	92	Continent of Europe.	Sateen (*c*)	35.04	2.81	27.00	29.00	64	143	1.91
255	92	....do	Sateen (*c*)	35.04	2.67	19.00	25.00	62	110	2.38
256	92	....do	Sateen (*c*)	35.43	5.89	47.00	59.00	86	103	2.89
257	92	....do	Sateen (*c*)	35.43	5.50	71.00	71.00	97	183	2.08
258	92	....do	Sateen (*c*)	35.43	4.86	47.00	59.00	86	147	2.39
259	92	....do	Sateen (*c*)	35.43	4.39	33.00	44.00	78	84	3.11
260	92	....do	Sateen (*c*)	35.43	4.09	47.00	59.00	107	165	2.56
261	92	....do	Sateen (*c*)	35.43	3.65	35.00	44.00	144	73	4.05
262	92	....do	Sateen (*c*)	35.43	3.01	24.00	17.00	86	51	3.14
263	27	Northern district, United States.	Sateen	38.50	1.64	21.50	9.00	108	60	(*j*)
264	88	....do	Sateen (*k*)	39.00	3.73	40.00	62.00	96	180	2.28
265	87	....do	Sateen (*l*)	39.00	3.46	33.00	44.00	68	150	1.97
266	88	....do	Sateen (*k*)	40.00	3.56	40.00	45.00	96	136	2.24
267	80	....do	Sateen (*c*)	40.50	4.29	30.00	50.00	64	124	1.57
268	80	....do	Sateen (*c*)	40.63	3.93	28.00	32.00	64	88	1.38
269	92	Continent of Europe.	Sateen (*c*)	41.34	3.30	35.00	44.00	145	59	4.31
270	88	Northern district, United States.	Sateen (*k*)	43.50	3.42	40.00	47.00	126	96	3.04
271	77	....do	Sateen (*c*)	44.00	3.37	45.00	50.00	140	96	2.00
272	92	Continent of Europe.	Sateen (*c*)	59.06	2.79	47.00	59.00	96	147	2.59
273	92	....do	Sateen (*c*)	59.06	2.43	33.00	44.00	78	117	2.69
274	5	Northern district, United States.	Scrim	40.00	7.78	28.00	36.00	45	32	8.10
275	11	....do	Sheeting	22.50	7.50	20.00	19.00	44	40	2.00
276	16	....do	Sheeting	25.00	12.60	28.00	37.00	48	36	2.87
277	16	....do	Sheeting	26.00	10.00	28.00	37.00	56	44	2.88
278	11	....do	Sheeting	27.00	7.50	22.00	26.00	40	40	2.00
279	11	....do	Sheeting	27.00	5.85	20.00	19.00	44	40	2.00
280	60	Southern district, United States.	Sheeting	27.00	4.73	12.75	14.60	40	40	3.00
281	16	Northern district, United States.	Sheeting	28.00	9.14	28.00	37.00	48	44	2.88

a Striped sateen.

b The yarn was bought, hence the cost of spinning and preceding operations is included with the cost of materials.

c Made in 1889.

d The expenditures for size and oil are inseparably combined with those for other supplies and repairs.

e The expenditures for size, oil, and water power are inseparably combined with those for other supplies and repairs.

f The expenditures for oil and interest are inseparably combined with those for other supplies and repairs.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Continued.

Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.	Product number.
			Fuel and lighting.	Oil.	Other.				
$0.020833	$0.019529	$0.000457	$0.000830	$0.000081	$0.001278	.....	$0.000502	$0.043510	245
b .107348	*b* .023188	.000288	.000503	.000036	.006363	.....	.000252	.137978	247
b,d. 084503	*b* .016990	.000618	.001544	(*d*)	*d* .001641	.....	.000155	.085451	248
.022143	.023607	.000552	.001003	.000098	.001545	.....	.000607	.049555	249
e .022670	.021990	.001370	.000760	(*e*)	*e* .002750	(*e*)	.000800	.050340	250
e .024380	.016840	.001180	.000650	(*e*)	*e* .002360	(*e*)	.000680	.046090	251
b .047876	*b* .024333	.002366	.001352	(*f*)	*f* .008111	.....	*g* .000338	*h* .084376	252
.032500	.042131	(*i*)	(*i*)	(*i*)	*i* .007660	.....	(*i*)	*h* .082291	253
b,d .071180	*b* .019619	.000710	.001782	(*d*)	*d* .001894	.....	.000180	.095365	254
b,d .069615	*b* .015123	.000548	.001372	(*d*)	*d* .001459	.....	.000138	.088255	255
b,d .045477	*b* .016867	.000613	.001532	(*d*)	*d* .001629	.....	.000154	.066272	256
b,d .061445	*b* .026747	.000971	.002430	(*d*)	*d* .002582	.....	.000244	.094419	257
b,d .055527	*b* .020746	.000753	.001884	(*d*)	*d* .002001	.....	.000189	.081100	258
b,d .043432	*b* .012250	.000444	.001111	(*d*)	*d* .001181	.....	.000112	.058530	259
b,d .065778	*b* .024992	.000907	.002270	(*d*)	*d* .002413	.....	.000228	.096588	260
b,d .057543	*b* .011491	.000418	.001045	(*d*)	*d* .001111	.....	.000105	.071713	261
b,d .059503	*b* .008372	.000304	.000761	(*d*)	*d* .000808	.....	.000076	.069824	262
.074965	.026151	.000943	.002074	.000203	.005518	.....	.001426	.111280	263
.038467	.040110	.002669	.003764	.000309	.004935	.....	.001153	.091407	264
.035780	.034415	.002407	*m* .002905	.000251	.003684	.....	.001445	*m* .080887	265
.040188	.032103	.002070	.002919	.000240	.003823	.....	.000899	.082242	266
e .029070	.025940	.001760	.000980	(*e*)	*e* .003520	(*e*)	.001030	.062300	267
e .030460	.019330	.001470	.000820	(*e*)	*e* .002950	(*e*)	.000860	.055890	268
b,d .063501	*b* .010495	.000381	.000954	(*d*)	*d* .001013	.....	.000096	.076440	269
.041729	.028276	.001494	.002108	.000173	.002769	.....	.000643	.077192	270
d .046000	.042100	.000500	.001500	(*d*)	*d* .004800	.....	.001600	.096500	271
b,d .096342	*b* .035365	.001284	.003212	(*d*)	*d* .003413	.....	.000322	.139938	272
b,d .086734	*b* .026861	.000976	.002441	(*d*)	*d* .002595	.....	.000245	.119852	273
.016452	.012676	.000686	.001618	.000152	.001639	.....	.000241	.033464	274
.015392	.007763	.001027	.000119	.000073	.000622	.....	.000229	.025225	275
.009204	.005419	.000250	.000575	.000039	.000473	.....	.000354	.016314	276
.011597	.006823	.000314	.000725	.000049	.000596	.....	.000446	.020555	277
.015392	.009744	.001263	.000146	.000090	.000764	.....	.000283	.027482	278
.019733	.009552	.001317	.000152	.000094	.000797	.....	.000295	.032340	279
.022032	.006261	.000718	.000431	.000080	.001325	.....	.000310	.031157	280
.012684	.007468	.000344	.000793	.000054	.000651	.....	.000483	.022482	281

g The expenditures for insurance are inseparably combined with those for taxes.
h Including insurance and interest.
i The expenditures for officials and clerks, fuel and lighting, oil, taxes, insurance, and interest are inseparably combined with those for other supplies and repairs.
j Not reported.
k Made in 1888.
l Five-leaf sateen; made in 1888.
m Not including lighting, the expenditures for which were not reported.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71 and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
282	65	Southern district, United States.	Sheeting	30.00	5.50	18.00	21.00	48	44	2.82
283	48	....do	Sheeting	30.00	5.00	20.00	17.00	48	44	(b)
284	47	....do	Sheeting	30.00	4.96	16.00	20.00	44	48	4.00
285	65	....do	Sheeting	30.00	4.91	15.50	19.50	48	44	2.82
286	68	....do	Sheeting	30.00	4.50	16.25	18.25	48	48	5.00
287	60	....do	Sheeting	30.00	4.31	12.75	14.60	40	40	3.00
288	60	....do	Sheeting	30.00	3.85	12.75	15.00	48	40	3.00
289	61	....do	Sheeting	30.00	3.74	12.50	15.00	48	44	3.00
290	60	....do	Sheeting	30.00	3.61	12.75	13.00	48	44	3.00
291	63	....do	Sheeting	31.00	3.50	14.00	13.00	48	44	10.00
292	30	Northern district, United States.	Sheeting	31.50	5.37	38.00	42.00	62	103	1.00
293	11	....do	Sheeting	32.00	6.40	20.00	24.00	40	40	2.00
294	16	....do	Sheeting	32.00	6.12	28.00	37.00	64	64	2.88
295	68	Southern district, United States.	Sheeting	33.50	3.80	16.25	18.25	48	48	5.00
296	11	Northern district, United States.	Sheeting	34.00	6.00	20.00	21.00	40	40	2.00
297	91	Continent of Europe.	Sheeting (c)	34.65	3.54	15.00	17.00	48	48	9.71
298	65	Southern district, United States.	Sheeting	35.00	3.71	13.25	19.50	48	46	2.82
299	65	....do	Sheeting	35.00	3.40	14.00	15.50	48	46	2.82
300	66	....do	Sheeting	35.00	3.39	14.00	15.50	48	46	2.01
301	66	....do	Sheeting	35.00	3.38	14.00	15.50	48	42	2.01
302	23	Northern district, United States.	Sheeting	35.50	4.50	25.00	25.00	58	56	2.00
303	27	....do	Sheeting	35.50	4.20	21.50	22.25	56	56	(b)
304	68	Southern district, United States.	Sheeting	35.50	3.00	13.00	13.00	48	48	5.00
305	16	Northern district, United States.	Sheeting	36.00	16.85	28.00	37.00	24	20	2.88
306	16	....do	Sheeting	36.00	14.25	28.00	37.00	28	24	2.88
307	16	....do	Sheeting	36.00	12.25	28.00	37.00	32	28	2.89
308	16	....do	Sheeting	36.00	10.80	28.00	37.00	36	32	2.87
309	11	....do	Sheeting	36.00	6.00	20.00	23.00	40	40	2.00
310	49	Southern district, United States.	Sheeting	36.00	6.00	27.00	27.00	44	44	7.00
311	49	....do	Sheeting	36.00	6.00	28.00	28.00	48	48	7.00
312	64	....do	Sheeting	36.00	6.00	22.00	26.00	46	42	8.00
313	49	....do	Sheeting	36.00	5.50	18.00	35.00	44	44	7.00
314	57	....do	Sheeting	36.00	5.50	28.00	34.00	64	56	3.00
315	48	....do	Sheeting	36.00	5.35	20.00	30.00	48	48	(b)
316	21	Northern district, United States.	Sheeting	36.00	5.00	28.50	33.00	63	64	(b)
317	46	Southern district, United States.	Sheeting	36.00	4.87	18.50	19.50	44	38	5.50
318	89	....do	Sheeting (f)	36.00	4.60	21.00	22.00	50	48	6.30
319	4	Northern district, United States.	Sheeting	36.00	4.59	30.00	36.00	72	80	3.59

a The expenditures for size and oil are inseparably combined with those for other supplies and repairs.
b Not reported.
c Made in 1888.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Continued.

Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.	Product number.
			Fuel and lighting.	Oil.	Other.				
a$0.020912	$0.011184	$0.000577	$0.001498	(a)	a$0.001656	.....	$0.001029	$0.036356	282
.022836	.006693	.000626	.000275	$0.000137	.001350	.....	.000238	.032155	283
.021481	.007828	.001114	.000276	.000082	.001820	$0.000342	.001364	.034307	284
a.023425	.011226	.000579	.001503	(a)	a.001662	.....	.001033	.039428	285
.026315	.010123	.000885	.000280	.000063	.001727	.000918	.000121	.040432	286
.024179	.006871	.000788	.000472	.000088	.001454	.....	.000340	.034192	287
.027069	.007720	.000885	.000531	.000099	.001633	.....	.000383	.038320	288
.030369	.007807	.001072	.000136	.000027	.001805	.....	.000246	.041462	289
.028867	.007694	.000883	.000530	.000098	.001628	.....	.000381	.040081	290
a.036254	.008294	.000835	.000645	(a)	a.002583	.....	.000272	.048883	291
.022642	.025010	.000585	.001063	.000104	.001637	.....	.000643	.051684	292
.018037	.010253	.001357	.000157	.000096	.000821	.....	.000304	.031025	293
.018949	.011156	.000514	.001186	.000080	.000973	.....	.000729	.033587	294
.031163	.011988	.001048	.000331	.000074	.002046	.001087	.000143	.047880	295
.019239	.010190	.001349	.000156	.000096	.000816	.....	.000302	.032148	296
.033140	.009757	.000969	.001413	.000205	.002093	.....	.000293	.047870	297
a.031001	.013918	.000718	.001863	(a)	a.002061	.....	.001281	.050842	298
a.033828	.013716	.000708	.001836	(a)	a.002031	.....	.001262	.053381	299
a.033507	.020952	.001557	.003068	(a)	a.003263	.....	.001388	.063735	300
a.033606	.020971	.001559	.003071	(a)	a.003266	.....	.001389	.063862	301
.027162	.014510	.000486	.001075	.000077	.003154	.....	.000777	.047241	302
.029272	.013112	.000473	.001040	.000102	.002766	.....	.000715	.047480	303
.039472	.011443	.001000	.000317	.000071	.001953	.001038	.000136	.055430	304
.006882	.004052	.000187	.000430	.000029	.000354	.....	.000265	.012199	305
.008138	.004791	.000221	.000509	.000035	.000418	.....	.000313	.014425	306
.009467	.005574	.000257	.000592	.000040	.000486	.....	.000364	.016780	307
.010738	.006322	.000291	.000672	.000045	.000552	.....	.000413	.019033	308
.019240	.010687	.001414	.000164	.000101	.000856	.....	.000316	.032778	309
.020142	.010142	.000431	.001534	(d)	d.001241	.....	(e)	.033490	310
.020142	.010518	.000447	.001591	(d)	d.001286	.....	(e)	.033984	311
.020263	.012439	.001695	.001665	.000097	.001856	.....	.000869	.038984	312
.021973	.010859	.000462	.001642	(d)	d.001328	.....	(e)	.036264	313
.021278	.012833	.001705	.001730	.000102	.001406	.....	.000171	.039225	314
.021341	.008422	.000787	.000345	.000173	.001699	.....	.000300	.033067	315
.023768	.015944	.000781	.001036	.000061	.001962	.000233	.001002	.043887	316
.022203	.007332	.000730	.000300	.000030	.000769	.000534	.001364	.033262	317
.029722	.010200	.001500	.001390	.000026	.001080	.....	.000200	.044208	318
.026067	.019767	.000672	.000482	.000123	.002108	.....	.000526	.050050	319

d The expenditures for oil are inseparably combined with those for other supplies and repairs.
e Exempt from taxes.
f Made in 1890.

TABLE I.—COST OF PRODUCTION OF COTTON TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft	Warp.	Weft.	
320	65	Southern district, United States.	Sheeting	36.00	4.51	18.00	21.00	48	44	2.82
321	49	....do	Sheeting	36.00	4.50	18.00	20.00	44	44	7.00
322	66	....do	Sheeting	36.00	4.46	18.00	21.00	48	44	2.01
323	66	....do	Sheeting	36.00	4.44	18.00	21.00	44	38	2.01
324	64	....do	Sheeting	36.00	4.31	22.00	23.00	56	56	8.00
325	49	....do	Sheeting	36.00	4.25	18.00	20.00	48	44	7.00
326	46	....do	Sheeting	36.00	4.20	18.50	19.50	52	46	5.50
327	69	....do	Sheeting	36.00	4.17	15.00	19.00	42	40	4.00
328	21	Northern district, United States.	Sheeting	36.00	4.00	20.50	22.00	54	56	(d)
329	23	....do	Sheeting	36.00	4.00	21.00	22.00	56	58	2.00
330	40	Southern district, United States.	Sheeting	36.00	4.00	18.00	18.00	50	46	10.00
331	42	....do	Sheeting	36.00	4.00	17.50	20.00	48	48	5.00
332	46	....do	Sheeting	36.00	4.00	18.50	19.50	52	50	5.50
333	48	....do	Sheeting	36.00	4.00	20.00	24.00	56	60	(d)
334	49	....do	Sheeting	36.00	4.00	18.00	20.00	48	48	7.00
335	49	....do	Sheeting	36.00	4.00	18.00	35.00	60	60	7.00
336	51	....do	Sheeting	36.00	4.00	16.13	19.42	44	42	4.00
337	64	....do	Sheeting	36.00	4.00	21.00	23.00	58	58	8.00
338	65	....do	Sheeting	36.00	4.00	15.50	18.50	48	44	2.82
339	68	....do	Sheeting	36.00	4.00	16.25	18.25	46	46	5.00
340	69	....do	Sheeting	36.00	4.00	15.00	19.00	44	44	4.00
341	1	Northern district, United States.	Sheeting	36.00	3.94	28.00	32.00	76	80	2.56
342	49	Southern district, United States.	Sheeting	36.00	3.85	18.00	20.00	52	48	7.00
343	42	....do	Sheeting	36.00	3.75	17.50	11.00	48	36	5.00
344	69	....do	Sheeting	36.00	3.66	15.00	19.00	48	48	4.00
345	50	....do	Sheeting	36.00	3.65	20.00	21.00	60	64	5.00
346	54	....do	Sheeting	36.00	3.60	14.00	16.00	48	40	3.00
347	60	....do	Sheeting	36.00	3.51	12.75	14.60	40	40	3.00
348	21	Northern district, United States.	Sheeting	36.00	3.50	20.00	25.50	64	68	(d)
349	22	....do	Sheeting	36.00	3.50	20.00	22.00	62	62	2.00
350	27	....do	Sheeting	36.00	3.45	19.00	24.75	64	68	(d)
351	64	Southern district, United States.	Sheeting	36.00	3.45	14.00	17.00	48	44	8.00
352	21	Northern district, United States.	Sheeting	36.00	3.40	14.50	17.50	48	50	(d)
353	50	Southern district, United States.	Sheeting	36.00	3.35	14.50	16.00	48	48	5.00
354	54	....do	Sheeting	36.00	3.35	14.00	16.00	48	48	3.00
355	40	....do	Sheeting	36.00	3.30	14.75	15.00	48	48	10.00
356	52	....do	Sheeting	36.00	3.30	13.00	13.50	44	44	14.00
357	47	....do	Sheeting	36.00	3.28	13.00	13.00	40	40	4.00
358	61	....do	Sheeting	36.00	3.27	12.50	13.50	48	36	3.00
359	39	....do	Sheeting	36.00	3.25	13.70	16.10	48	48	6.25
360	42	....do	Sheeting	36.00	3.25	13.00	15.00	48	44	5.00
361	63	....do	Sheeting	36.00	3.25	14.00	13.00	44	42	10.00

a The expenditures for size and oil are inseparably combined with those for other supplies and repairs.
b The expenditures for oil are inseparably combined with those for other supplies and repairs.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

I.—ELEMENTS OF COST IN ONE YARD—Continued.

Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.	Product number.
			Fuel and lighting.	Oil.	Other.				
a $0.025502	$0.013640	$0.000704	$0.001826	(*a*)	*a* $0.002019	.....	$0.001255	$0.044946	320
.026856	.009516	.000405	.001439	(*b*)	*b* .001164	.....	(*c*)	.039380	321
a .025468	.021007	.001561	.003076	(*a*)	*a* .003272	.....	.001391	.055775	322
a .025583	.021058	.001565	.003083	(*a*)	*a* .003280	.....	.001395	.055964	323
.028209	.016322	.002225	.002184	$0.000127	.002436	.....	.001271	.052774	324
.028436	.010055	.000427	.001520	(*b*)	*b* .001230	.....	(*c*)	.041668	325
.025746	.008507	.000847	.000348	.000025	.000892	$0.000619	.001582	.038576	326
.026371	.009749	.001219	.000436	.000048	.001981	.000625	.000106	.040535	327
.029533	.013195	.000685	.000908	.000054	.001720	.000204	.000879	.047178	328
.030558	.014039	.000470	.001040	.000075	.003051	.....	.000752	.049985	329
a .025140	.008755	.001312	.001343	(*a*)	*a* .001762	.....	.000587	.038899	330
.028901	.010619	.001348	.001025	.000168	.002329	.....	.000204	.044594	331
.027033	.008941	.000890	.000366	.000037	.000938	.000651	.001663	.040519	332
.028544	.009943	.000930	.000409	.000204	.002006	.....	.000354	.042390	333
.030213	.010705	.000455	.001619	(*b*)	*b* .001310	.....	(*c*)	.044302	334
.030213	.014932	.000635	.002258	(*b*)	*b* .001826	.....	(*c*)	.049864	335
.034330	.013824	.001413	.001677	(*b*)	*b* .002351	.....	.000250	.053845	336
.029017	.017197	.002344	.002301	.000134	.002566	.....	.001339	.054898	337
a .028754	.013400	.000692	.001793	(*a*)	*a* .001984	.....	.001233	.047856	338
.029605	.011389	.000996	.000314	.000070	.001943	.001033	.000136	.045486	339
.027491	.010163	.001271	.000455	.000050	.002065	.000652	.000110	.042257	340
.030953	.020057	.001243	.001248	.000216	.002179	.....	.000746	.056642	341
.031391	.011099	.000472	.001679	(*b*)	*b* .001357	.....	(*c*)	.045998	342
.030828	.008886	.001128	.000857	.000141	.001949	.....	.000171	.043960	343
.030045	.011107	.001389	.000497	.000055	.002257	.000713	.000120	.046183	344
.032315	.013423	.001549	.001447	(*b*)	*b* .002659	.....	.001106	.052499	345
.029362	.007571	.000875	.001349	.000060	.000563	.....	.000135	.039915	346
.029690	.008437	.000967	.000580	.000108	.001785	.....	.000418	.041985	347
.033777	.015855	.000823	.001091	.000065	.002067	.000245	.001056	.054979	348
.034769	.013165	.000305	.001175	.000063	.000634	.....	.000801	.050912	349
.035636	.016020	.000578	.001271	.000125	.003380	.....	.000873	.057883	350
.033643	.013984	.001906	.001871	.000109	.002087	.....	.001089	.054689	351
.034626	.011751	.000610	.000808	.000048	.001533	.000182	.000783	.050341	352
.035208	.010869	.001254	.001173	(*b*)	*b* .002158	.....	.000895	.051552	353
.031553	.008185	.000946	.001458	.000065	.000609	.....	.000146	.042962	354
a .030473	.008772	.001315	.001345	(*a*)	*a* .001766	.....	.000588	.044259	355
.036445	.011542	.002559	.001246	(*b*)	*b* .002981	.....	.000261	.055034	356
.032529	.008514	.001212	.000300	.000089	.001979	.000372	.001484	.046479	357
.034733	.008610	.001182	.000150	.000030	.001991	.....	.000272	.045968	358
.031245	.009706	.001208	.000830	.000079	.001640	.....	.000525	.045233	359
.035571	.009731	.001235	.000939	.000154	.002134	.....	.000187	.049951	360
a .039042	.008925	.000899	.000694	(*a*)	*a* .002780	.....	.000293	.052633	361

c Exempt from taxes.
d Not reported.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
362	60	Southern district, United States.	Sheeting	36.00	3.22	12.75	10.75	40	40	3.00
363	60	....do	Sheeting	36.00	3.22	12.75	15.00	48	40	3.00
364	47	....do	Sheeting	36.00	3.11	13.00	13.00	44	42	4.00
365	67	....do	Sheeting	36.00	3.10	14.00	14.00	48	48	3.00
366	61	....do	Sheeting	36.00	3.08	12.50	13.50	48	40	3.00
367	65	....do	Sheeting	36.00	3.08	12.33	14.50	48	46	2.82
368	21	Northern district, United States.	Sheeting	36.00	3.05	15.00	16.50	52	54	(c)
369	44	Southern district, United States.	Sheeting	36.00	3.00	14.00	14.00	48	48	6.00
370	45	....do	Sheeting	36.00	3.00	12.50	13.50	48	46	6.00
371	49	....do	Sheeting	36.00	3.00	13.60	14.25	48	44	10.00
372	52	....do	Sheeting	36.00	3.00	13.00	13.50	48	48	14.00
373	62	....do	Sheeting	36.00	3.00	13.00	15.00	48	48	3.00
374	63	....do	Sheeting	36.00	3.00	14.00	13.00	48	44	10.00
375	60	....do	Sheeting	36.00	2.98	12.75	10.75	44	44	3.00
376	70	....do	Sheeting	36.00	2.98	12.25	18.00	44	40	5.00
377	12	Northern district, United States.	Sheeting	36.00	2.85	11.00	12.00	40	40	2.00
378	23	....do	Sheeting	36.00	2.85	12.50	12.50	44	48	2.00
379	28	....do	Sheeting	36.00	2.85	12.50	13.00	48	48	4.45
380	46	Southern district, United States.	Sheeting	36.00	2.85	10.50	11.50	40	40	5.50
381	63	....do	Sheeting	36.00	2.85	14.00	12.00	48	48	10.00
382	65	....do	Sheeting	36.00	2.85	12.33	12.60	48	48	2.82
383	70	....do	Sheeting	36.00	2.85	12.25	18.00	48	48	5.00
384	21	Northern district, United States.	Sheeting	36.00	2.84	13.00	13.50	48	48	(c)
385	70	Southern district, United States.	Sheeting	36.00	2.72	12.25	18.00	48	52	5.00
386	35	Northern district, United States.	Sheeting	36.50	5.50	23.00	26.00	48	48	2.25
387	49	Southern district, United States.	Sheeting	38.00	4.00	18.00	20.00	48	44	7.00
388	21	Northern district, United States.	Sheeting	38.50	5.25	28.50	42.00	64	64	(c)
389	16	....do	Sheeting	38.50	5.15	28.00	37.00	64	64	2.88
390	6	....do	Sheeting	38.50	5.14	28.43	39.45	64	64	(c)
391	21	....do	Sheeting	38.50	4.64	28.50	33.00	63	64	(c)
392	54	Southern district, United States.	Sheeting	39.00	3.80	25.00	25.00	64	64	3.00
393	37	Northern district, United States.	Sheeting	39.00	3.11	22.00	27.00	68	76	2.09
394	44	Southern district, United States.	Sheeting	39.00	2.60	14.00	14.00	48	47	6.00
395	5	Northern district, United States.	Sheeting	39.50	3.85	28.00	36.00	76	82	4.01

a Lighting only.
b The expenditures for size and oil are inseparably combined with those for other supplies and repairs.
c Not reported.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Continued.

Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.	Product number.
			Fuel and lighting.	Oil.	Other.				
$0.032364	$0.007887	$0.000905	$0.000542	$0.000101	$0.001669	.....	$0.000391	$0.043859	362
.032363	.009230	.001059	.000635	.000118	.001953	.....	.000457	.045815	363
.034320	.008983	.001278	.000317	.000094	.002088	$0.000392	.001565	.049037	364
.034531	.012994	.000869	a.000087	.000044	.002118	.....	.000444	.051087	365
.036877	.009141	.001255	.000159	.000032	.002114	.....	.000288	.049866	366
b.037342	.013763	.000710	.001842	(b)	b.002038	.....	.001267	.056962	367
.028588	.012736	.000661	.000876	.000052	.001661	.000197	.000848	.055619	368
.036277	.010120	.001563	.001455	.000027	.001275	.....	.000406	.051123	369
.034806	.010035	.001167	d.000563	.000081	d.002283	.000457	.001767	.051159	370
.040285	.010450	.000444	.001580	(e)	e.001278	.....	(f)	.054037	371
.040089	.012696	.002815	.001370	(e)	e.003279	.....	.000288	.060537	372
.034341	.008188	.000855	.000537	.000105	.002244	.....	.000283	.046553	373
b.042296	.009676	.000975	.000752	(b)	b.003014	.....	.000317	.057030	374
.034971	.008523	.000977	.000587	.000109	.001803	.....	.000422	.047392	375
.036373	.012922	.001327	.000970	.000078	.003435	.....	.002903	.057768	376
.040560	.018573	.002345	.000169	.000082	.003021	.....	.000814	.065564	377
.042889	.012830	.000430	.000951	.000068	.002788	.....	.000687	.060643	378
.041582	.012206	.000760	.000993	.000066	.003150	.....	.000595	.059357	379
.037941	.007269	.000724	.000298	.000030	.000762	.000529	.001352	.048905	380
b.044522	.009794	.000986	.000761	(b)	b.003051	.....	.000321	.059435	381
b.040356	.013852	.000715	.001854	(b)	b.002051	.....	.001275	.060103	382
.038031	.013419	.001411	.001031	.000083	.003716	.....	.003087	.060778	383
.041373	.011506	.000598	.000791	.000047	.001500	.000178	.000767	.056760	384
.039850	.014153	.001488	.001088	.000088	.003919	.....	003256	.063842	385
.020884	.010735	.000534	.002003	.000071	.002399	.....	.000208	.036834	386
.030213	.010683	.000454	.001616	(e)	e.001307	.....	(f)	.044273	387
.022706	.016526	.000858	.001137	.000067	.002155	.000256	.001101	.044806	388
.022518	.013257	.000611	.001409	.000095	.001157	.....	.000866	.039913	389
.024354	.016521	.001138	.000620	.000163	.002627	.000665	.001346	.047434	390
.025612	.016212	.000842	.001115	.000066	.002114	.000251	.001080	.047292	391
.027817	.012026	.001390	.002143	.000095	.000895	.....	.000214	.044580	392
.040443	.025540	.000977	.001908	.000389	.002861	.....	.001479	.073597	393
.041858	.011677	.001803	.001679	.000031	.001471	.....	.000469	.058988	394
.033246	.025615	.001387	.003270	.000307	.003311	.....	.000487	.067623	395

d The expenditures for lighting are inseparably combined with those for other supplies and repairs.
e The expenditures for oil are inseparably combined with those for other supplies and repairs.
f Exempt from taxes.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

I.—ELEMENTS OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft	Warp.	Weft.	
396	5	Northern district, United States.	Sheeting	39.50	3.76	28.00	36.00	76	86	3.92
397	54	Southern district, United States.	Sheeting	40.00	6.00	14.00	16.00	28	24	3.00
398	4	Northern district, United States.	Sheeting	40.00	3.94	30.00	36.00	72	80	2.95
399	3	....do	Sheeting	40.00	3.70	28.00	37.00	76	84	1.85
400	21	....do	Sheeting	40.00	3.15	20.00	25.50	64	68	(a)
401	47	Southern district, United States.	Sheeting	40.00	3.05	17.00	19.00	56	56	4.00
402	6	Northern district, United States.	Sheeting	40.00	2.99	22.00	22.00	64	72	(a)
403	36	....do	Sheeting	40.00	2.92	28.00	33.00	92	96	4.18
404	22	....do	Sheeting	40.00	2.90	21.00	22.00	70	66	2.00
405	28	....do	Sheeting	40.00	2.55	12.50	13.00	48	48	4.30
406	47	Southern district, United States.	Sheeting	40.00	2.51	13.00	13.00	48	48	4.00
407	54	....do	Sheeting	40.00	2.50	14.00	12.00	48	48	3.00
408	6	Northern district, United States.	Sheeting	41.00	4.91	28.50	41.50	64	64	(a)
409	54	Southern district, United States.	Sheeting	43.50	5.25	25.00	20.00	52	22	3.00
410	4	Northern district, United States.	Sheeting	44.00	3.56	30.00	36.00	72	80	2.89
411	54	Southern district, United States.	Sheeting	45.00	3.20	25.00	25.00	64	68	3.00
412	36	Northern district, United States.	Sheeting	45.00	2.85	22.00	25.00	64	68	4.11
413	21	....do	Sheeting	45.00	2.62	20.50	26.00	66	72	(a)
414	5	....do	Sheeting	46.00	6.26	28.00	39.00	46	44	6.52
415	92	Continent of Europe.	Sheeting (b)	47.25	3.38	33.00	44.00	81	88	5.11
416	4	Northern district, United States.	Sheeting	48.00	3.33	30.00	36.00	72	80	3.12
417	36	....do	Sheeting	48.00	2.70	22.00	25.00	64	68	2.92
418	37	....do	Sheeting	48.00	2.31	19.00	22.00	64	68	2.93
419	28	....do	Sheeting	48.00	2.15	12.50	13.00	48	48	4.43
420	47	Southern district, United States.	Sheeting	50.50	3.20	20.00	21.00	48	48	4.00
421	92	Continent of Europe.	Sheeting (b)	53.15	3.79	33.00	44.00	72	59	5.71
422	21	Northern district, United States.	Sheeting	54.00	2.20	20.50	26.00	66	72	(a)
423	36	....do	Sheeting	58.00	2.22	22.00	25.00	64	68	3.11
424	37	....do	Sheeting	58.00	1.90	19.00	22.00	64	68	3.25
425	92	Continent of Europe.	Sheeting (b)	59.06	2.50	33.00	44.00	81	103	4.73
426	21	Northern district, United States.	Sheeting	63.00	1.88	20.50	26.00	66	72	(a)

a Not reported.
b Made in 1889.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Continued.

Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.	Product number.
			Fuel and lighting.	Oil.	Other.				
$0.034042	$0.026228	$0.001420	$0.003349	$0.000315	$0.003390	.....	$0.000498	$0.069242	396
.017617	.004546	.000525	.000810	.000036	.000338	.....	.000081	.023953	397
.030383	.023040	.000783	.000562	.000149	.002457	.....	.000963	.058337	398
.031624	.020886	.001358	.000721	.000231	.001395	.....	.001801	.058016	399
.037530	.017616	.000915	.001212	.000072	.002297	$0.000272	.001174	.061088	400
.035018	.013044	.001857	.000459	.000136	.003032	.000570	.002273	.056389	401
.041867	.018409	.001268	.000691	.000182	.002927	.000741	.001500	.067585	402
.040562	.031174	.001536	.002048	.000425	.002194	.....	.002126	.080065	403
.041963	.016267	.000376	.001452	.000078	.000784	.....	.000989	.061909	404
.046475	.015101	.000849	.001116	.000074	.003520	.....	.000664	.067799	405
.042516	.011129	.001584	.000392	.000116	.002586	.000487	.001939	.060749	406
.042281	.009506	.001099	.001694	.000075	.000707	.....	.000169	.055531	407
.025495	.017835	.001228	.000668	.000176	.002836	.000720	.001453	.050411	408
.020134	.008186	.000946	.001458	.000065	.000609	.....	.000146	.031544	409
.033581	.025465	.000865	.000621	.000165	.002716	.....	.001064	.064477	410
.033032	.014281	.001651	.002544	.000113	.001063	.....	.000255	.052939	411
.041564	.023495	.001221	.001628	.000325	.001736	.....	.001682	.071651	412
.045151	.022121	.001149	.001522	.000090	.002885	.000342	.001474	.074734	413
.020447	.015754	.000853	.002011	.000189	.002036	.....	.000299	.041589	414
c,d. 060581	*d*. 018365	.000667	.001669	(*c*)	*c*. 001774	.....	.000168	.083224	415
.035963	.027272	.000927	.000665	.000176	.002908	.....	.001140	.069051	416
.043808	.024095	.001289	.001725	.000359	.001838	.....	.001782	.074896	417
.054301	.028458	.001102	.002152	.000138	.003226	.....	.001665	.091342	418
.055121	.017002	.001007	.001324	.000083	.004175	.....	.000788	.079505	419
.033301	.013745	.001957	.000484	.000144	.003195	.000601	.002395	.055822	420
c,d. 055760	*d*. 014241	.000517	.001295	(*c*)	*c*. 001376	.....	.000130	.073319	421
.053771	.026345	.001368	.001812	.000107	.003435	.000408	.001755	.089001	422
.053610	.028478	.001576	.002105	.000440	.002254	.....	.002184	.090647	423
.066022	.033597	.001340	.002596	.000530	.003897	.....	.002014	.109996	424
c,d. 082432	*d*. 025495	.000924	.002314	(*c*)	*c*. 002460	.....	.000233	.113858	425
.062923	.030829	.001601	.002121	.000125	.004020	.000477	.002054	.104150	426

c The expenditures for size and oil are inseparably combined with those for other supplies and repairs.

d The yarn was bought, hence the cost of spinning and preceding operations is included with the cost of materials.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
427	36	Northern district, United States.	Sheeting	67.00	1.93	22.00	25.00	64	68	2.45
428	92	Continent of Europe.	Sheeting (a)	70.87	2.41	33.00	44.00	81	77	5.40
429	21	Northern district, United States.	Sheeting	72.00	1.65	20.50	26.00	66	72	(d)
430	36	....do	Sheeting	77.00	1.69	22.00	25.00	64	68	1.87
431	37	....do	Sheeting	78.00	1.42	19.00	22.00	64	68	2.99
432	21	....do	Sheeting	81.00	1.48	20.50	26.00	66	72	(d)
433	36	....do	Sheeting	86.00	1.51	22.00	25.00	64	68	2.70
434	37	....do	Sheeting	86.00	1.27	19.00	22.00	64	68	3.84
435	78	....do	Sheeting (a)	90.00	1.40	18.00	22.00	96	108	(d)
436	78	....do	Sheeting (a)	90.00	1.36	26.50	36.00	80	92	(d)
437	21	....do	Sheeting	90.00	1.32	20.50	26.00	66	72	(d)
438	78	....do	Sheeting (a)	90.00	1.05	18.00	22.00	66	76	(d)
439	36	....do	Sheeting	96.00	1.34	22.00	25.00	64	68	2.79
440	37	....do	Sheeting	96.00	1.12	19.00	22.00	64	68	4.26
441	37	....do	Sheeting	108.00	1.01	19.00	22.00	64	68	2.43
442	7	....do	Sheeting, bleached	39.75	3.70	30.00	35.50	78	86	3.44
443	1	....do	Sheeting, bleached	40.00	3.49	28.00	32.00	76	80	2.61
444	26	....do	Sheeting, bleached	40.00	3.40	28.00	33.00	80	84	3.18
445	1	....do	Sheeting, bleached	40.00	3.15	28.00	32.00	80	92	2.52
446	21	....do	Sheeting, bleached	42.00	2.68	20.50	26.00	66	72	(d)
447	7	....do	Sheeting, bleached	45.00	3.30	30.00	35.50	78	86	3.30
448	26	....do	Sheeting, bleached	45.00	3.09	28.00	33.00	80	84	3.27
449	21	....do	Sheeting, bleached	45.00	2.45	20.50	26.00	66	72	(d)
450	7	....do	Sheeting, bleached	48.00	3.00	30.00	35.50	78	86	3.75
451	26	....do	Sheeting, bleached	49.00	2.75	28.00	33.00	80	84	3.04
452	21	....do	Sheeting, bleached	54.00	2.07	20.50	26.00	66	72	(d)
453	21	....do	Sheeting, bleached	63.00	1.79	20.50	26.00	66	72	(d)
454	21	....do	Sheeting, bleached	72.00	1.56	20.50	26.00	66	72	(d)
455	21	....do	Sheeting, bleached	81.00	1.38	20.50	26.00	66	72	(d)
456	21	....do	Sheeting, bleached	90.00	1.25	20.50	26.00	66	72	(d)
457	99	Great Britain.	Shirt cloth (a)	39.00	2.99	26.00	18.00	52	72	5.71
458	99	....do	Shirt cloth (a)	39.00	2.93	26.00	30.00	80	92	8.33
459	99	....do	Shirt cloth (a)	39.00	2.58	26.00	18.00	60	72	5.47
460	28	Northern district, United States.	Shirting	23.00	5.45	14.28	13.50	44	40	4.09
461	65	Southern district, United States.	Shirting	26.00	6.72	18.00	20.75	48	39	2.82
462	65	....do	Shirting	26.00	6.21	18.00	20.75	48	44	2.82
463	69	....do	Shirting	26.00	5.20	15.00	19.00	48	44	4.00
464	68	....do	Shirting	27.00	5.10	16.25	18.25	48	48	5.00
465	40	....do	Shirting	27.00	5.00	18.00	15.00	46	46	10.00

a Made in 1889.

b The expenditures for size and oil are inseparably combined with those for other supplies and repairs.

c The yarn was bought, hence the cost of spinning and preceding operations is included with the cost of materials.

d Not reported.

e The expenditures for fuel and lighting, oil, taxes, and insurance are inseparably combined with those for other supplies and repairs.

f Including insurance and not including officials and clerks.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

I.—ELEMENTS OF COST IN ONE YARD—Continued.

Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.	Product number.
			Fuel and lighting.	Oil.	Other.				
$0.061866	$0.033561	$0.001818	$0.002442	$0.000504	$0.002614	.....	$0.002535	$0.105340	427
b,c.084837	c.019704	.000722	.001806	(b)	b.001919	.....	.000181	.109169	428
.071695	.035126	.001824	.002417	.000143	.004580	$0.000543	.002340	.118668	429
.076892	.040264	.002102	.002800	.000581	.002899	.....	.002908	.122546	430
.088480	.047195	.001797	.003506	.000714	.005267	.....	.002721	.149680	431
.079930	.039161	.002034	.002694	.000159	.005106	.000606	.002609	.132299	432
.079215	.044842	.002336	.003116	.000648	.003339	.....	.003234	.136730	433
.098784	.051424	.001975	.003853	.000786	.005782	.....	.002987	.165591	434
.100714	.096000	(d)	(e)	(e)	e.025857	.....	(e)	f.222571	435
.090441	.079999	(d)	(e)	(e)	e.016912	.....	(e)	f.187352	436
.089618	.043907	.002281	.003020	.000179	.005726	.000679	.002925	.148335	437
.117143	.066666	(d)	(e)	(e)	e.013333	.....	(e)	f.197142	438
.088845	.049100	.002611	.003494	.000726	.003754	.....	.005624	.152454	439
.115069	.054016	.002205	.004112	.000837	.006169	.....	.003185	.185593	440
.124242	.064999	.002427	.004791	.000981	.007251	.....	.003762	.208453	441
.025131	.020775	.001561	.000661	.000210	g.006950	.000460	.001675	g.067423	442
.034994	.022675	.001406	.001411	.000245	h.007464	.....	.000843	h.069038	443
.035935	.020738	.000905	.001277	.000162	i.010395	.000340	.000869	i.070621	444
.038695	.025073	.001554	.001560	.000270	h.007724	.....	.000933	h.075809	445
.044140	.021626	.001123	.001488	.000088	j.010320	.000334	.001441	j.080560	446
.039390	.023294	.001750	.000741	.000235	k.007850	.000515	.001878	k.075653	447
.039540	.024358	.000995	.001405	.000179	l.011597	.000374	.000957	l.079405	448
.048284	.023656	.001229	.001627	.000096	j.010585	.000366	.001576	j.087419	449
.043329	.025623	.001925	.000815	.000259	m.008436	.000567	.002066	m.083020	450
.044429	.025883	.001118	.001579	.000201	n.012777	.000420	.001075	n.087482	451
.057148	.027999	.001454	.001926	.000114	o.013651	.000433	.001865	o.104590	452
.066087	.032379	.001682	.002227	.000132	o.014222	.000501	.002157	o.119387	453
.075831	.037152	.001929	.002556	.000151	o.014845	.000575	.002475	o.135514	454
.085722	.041998	.002181	.002889	.000171	p.017977	.000650	.002798	p.154386	455
.094637	.046366	.002408	.003190	.000189	p.018546	.000717	.003089	p.169142	456
q,c.056907	c.009811	.000327	.000327	(r)	r.004170	.....	s.000327	t.071869	457
q,c.070517	c.012990	.000453	.000453	(r)	r.005386	.....	s.000452	t.090251	458
q,c.076039	c.011447	.000368	.000368	(r)	r.004987	.....	s.000409	t.093618	459
.021745	.006798	.000397	.000522	.000035	.001647	.....	.000311	.031455	460
b.017115	.009060	.000468	.001212	(b)	b.001341	.....	.000834	.030030	461
b.018521	.009850	.000508	.001319	(b)	b.001458	.....	.000906	.032562	462
.021147	.007776	.000973	.000348	.000039	.001580	.000499	.000084	.032446	463
.023219	.008932	.000781	.000247	.000055	.001524	.000810	.000107	.035675	464
b.020112	.006420	.000962	.000985	(b)	b.001293	.....	.000430	.030202	465

g Including $0.005257 for bleaching.
h Including $0.005000 for bleaching.
i Including $0.006483 for bleaching.
j Including $0.007500 for bleaching.
k Including $0.005952 for bleaching.
l Including $0.007293 for bleaching.
m Including $0.006349 for bleaching.
n Including $0.007941 for bleaching.
o Including $0.010000 for bleaching.
p Including $0.012500 for bleaching.
q Not including size, the expenditures for which were not reported.
r The expenditures for oil and interest are inseparably combined with those for other supplies and repairs.
s The expenditures for insurance are inseparably combined with those for taxes.
t Including insurance and interest, and not including size.

TABLE I.—COST OF PRODUCTION OF COTTON TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

I.—ELEMENTS OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
466	90	Southern district, United States.	Shirting(*a*)	27.00	4.71	12.50	13.50	40	40	6.00
467	45	....do	Shirting	27.00	4.62	12.50	13.50	46	44	6.00
468	62	....do	Shirting	27.00	4.59	13.00	15.00	42	42	3.00
469	28	Northern district, United States.	Shirting	27.50	4.50	14.28	13.50	44	40	4.22
470	66	Southern district, United States.	Shirting	28.00	7.91	25.50	40.00	56	52	2.01
471	66	....do	Shirting	28.00	7.16	18.00	20.00	40	36	2.01
472	91	Continent of Europe.	Shirting (*d*)	29.92	5.09	28.00	39.00	73	73	9.45
473	42	Southern district, United States.	Shirting	30.00	5.00	17.50	20.00	48	44	5.00
474	46	....do	Shirting	30.00	5.00	18.50	19.50	52	48	5.50
475	49	....do	Shirting	30.00	5.00	18.00	20.00	48	44	7.00
476	50	....do	Shirting	30.00	5.00	14.50	18.50	40	44	5.00
477	51	....do	Shirting	30.00	5.00	18.95	19.42	44	40	4.00
478	69	....do	Shirting	30.00	5.00	15.00	19.00	42	40	4.00
479	46	....do	Shirting	30.00	4.85	18.50	19.50	52	50	5.50
480	49	....do	Shirting	30.00	4.50	18.00	14.25	48	44	7.00
481	50	....do	Shirting	30.00	4.50	14.50	16.00	46	46	5.00
482	69	....do	Shirting	30.00	4.45	15.00	19.00	44	48	4.00
483	40	....do	Shirting	30.00	4.25	18.90	15.00	46	46	10.00
484	65	....do	Shirting	30.00	4.25	13.33	16.75	48	42	2.82
485	65	....do	Shirting	30.00	4.05	12.33	16.50	48	42	2.82
486	42	....do	Shirting	30.00	4.00	15.00	16.00	48	44	5.00
487	49	....do	Shirting	30.00	3.75	13.60	14.25	48	44	10.00
488	45	....do	Shirting	30.00	3.60	12.50	13.50	48	46	6.00
489	90	....do	Shirting (*a*)	30.00	3.60	12.50	13.50	48	46	6.00
490	28	Northern district, United States.	Shirting	30.00	3.41	12.50	13.00	48	48	4.69
491	39	Southern district, United States.	Shirting	30.50	4.00	13.70	16.10	48	48	6.25
492	52	....do	Shirting	31.00	3.90	13.00	13.50	44	44	14.00
493	52	....do	Shirting	31.00	3.65	13.00	13.50	48	46	14.00
494	52	....do	Shirting	31.00	3.55	13.00	13.50	48	44	14.00
495	62	....do	Shirting	31.50	3.59	13.00	15.00	48	48	3.00
496	51	....do	Shirting	32.00	5.75	18.95	19.42	44	32	4.00
497	23	Northern district, United States.	Shirting	32.00	4.50	21.00	22.00	56	58	2.00
498	51	Southern district, United States.	Shirting	33.00	5.65	18.95	19.42	44	32	4.00
499	46	....do	Shirting	33.50	6.00	18.50	19.50	36	40	5.50
500	46	....do	Shirting	33.50	5.40	18.50	19.50	40	40	5.50
501	51	....do	Shirting	34.00	5.40	18.95	19.42	44	32	4.00
502	46	....do	Shirting	34.50	5.28	18.50	19.50	44	40	5.50
503	92	Continent of Europe.	Shirting (*g*)	35.43	8.00	33.00	44.00	67	59	5.55
504	92	....do	Shirting (*g*)	35.43	5.65	47.00	59.00	82	103	4.25
505	92	....do	Shirting (*g*)	35.43	5.35	33.00	44.00	67	73	5.05
506	92	....do	Shirting (*g*)	35.43	4.92	53.00	71.00	99	161	3.30
507	92	....do	Shirting (*g*)	35.43	4.81	53.00	65.00	99	154	3.23
508	92	....do	Shirting (*g*)	35.43	4.65	33.00	44.00	78	88	4.96
509	92	....do	Shirting (*g*)	35.43	4.47	33.00	44.00	78	95	4.75
510	92	....do	Shirting (*g*)	35.43	4.19	33.00	44.00	78	110	4.00

a Made in 1890.
b The expenditures for lighting are inseparably combined with those for other supplies and repairs.
c The expenditures for size and oil are inseparably combined with those for other supplies and repairs.
d Made in 1888.
e The expenditures for oil are inseparably combined with those for other supplies and repairs.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Continued.

Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.	Product number.
			Fuel and lighting.	Oil.	Other.				
$0.028310	$0.006678	$0.000568	*b* $0.000394	$0.000019	*b* $0.001121	$0.000337	$0.000818	$0.038245	466
.022601	.006516	.000758	*b* .000366	.000052	*b* .001482	.000297	.001148	.033220	467
.022445	.005352	.000559	.000351	.000069	.001466	.....	.000185	.030427	468
.026336	.008095	.000481	.000633	.000042	.001995	.....	.000376	.037958	469
c .014360	.019800	.001472	.002899	(*c*)	*c* .003084	.....	.001311	.042926	470
c .015864	.012762	.000948	.001869	(*c*)	*c* .001988	.....	.000845	.034276	471
.023215	.012890	.001241	.001420	.000206	.002096	.....	.000295	.041363	472
.023121	.008473	.001075	.000818	.000134	.001858	.....	.000163	.035642	473
.021627	.007149	.000712	.000292	.000030	.000750	.000520	.001330	.032410	474
.024171	.008546	.000363	.001293	(*e*)	*e* .001045	.....	(*f*)	.035418	475
.023590	.007927	.000914	.000855	(*e*)	*e* .001570	.....	.000653	.035509	476
.027464	.011059	.001131	.001341	(*e*)	*e* .001881	.....	.000200	.043076	477
.021993	.008130	.001017	.000364	.000040	.001652	.000522	.000988	.033806	478
.022295	.007374	.000734	.000302	.000031	.000773	.000537	.001372	.033418	479
.026856	.008119	.000345	.001228	(*e*)	*e* .000993	.....	(*f*)	.037541	480
.026211	.008092	.000934	.000872	(*e*)	*e* .001603	.....	.000666	.038378	481
.024711	.009184	.001149	.000411	.000045	.001866	.000589	.000100	.038055	482
c .023661	.007553	.001132	.001158	(*c*)	*c* .001521	.....	.000506	.035531	483
c .027062	.011122	.000574	.001489	(*c*)	*c* .001647	.....	.001023	.042917	484
c .028399	.011163	.000576	.001494	(*c*)	*c* .001653	.....	.001027	.044312	485
.028901	.008767	.001112	.000846	.000139	.001923	.....	.000169	.041857	486
.032228	.008360	.000355	.001264	(*e*)	*e* .001023	.....	(*f*)	.043230	487
.029005	.008362	.000973	*b* .000470	.000067	*b* .001902	.000381	.001473	.042633	488
.036301	.008334	.000744	*b* .000516	.000026	*b* .001418	.000441	.001116	.048896	489
.034754	.010579	.000635	.000835	.000056	.002632	.....	.000497	.049988	490
.025386	.007886	.000981	.000675	.000064	.001332	.....	.000427	.036751	491
.030838	.003766	.002165	.001054	(*e*)	*e* .002523	.....	.000221	.046567	492
.032950	.010427	.002312	.001126	(*e*)	*e* .002633	.....	.000236	.049744	493
.033878	.010721	.002377	.001157	(*e*)	*e* .002769	.....	.000243	.051145	494
.028697	.006843	.000714	.000449	.000087	.001875	.....	.000237	.038902	495
.023881	.000617	.000983	.001166	(*e*)	*e* .001636	.....	.000174	.037457	496
.027163	.012479	.000418	.000924	.000066	.002712	.....	.000669	.044431	497
.024304	.009787	.001001	.001186	(*e*)	*e* .001665	.....	.000177	.038120	498
.018022	.005973	.000595	.000244	.000025	.000626	.000435	.001111	.027031	499
.020025	.006627	.000660	.000271	.000027	.000695	.000482	.001233	.030020	500
.025429	.010240	.001047	.001242	(*e*)	*e* .001742	.....	.000185	.039885	501
.020480	.006770	.000674	.000277	.000028	.000710	.000493	.001260	.030692	502
c, *h*. 033765	*h* .007870	.000286	.000716	(*c*)	*c* .000769	.....	.000071	.043468	503
c, *h*. 046703	*h* .014620	.000530	.001328	(*c*)	*c* .001412	.....	.000133	.064726	504
c, *h*. 037333	*h* .009624	.000349	.000873	(*c*)	*c* .000929	.....	.000088	.049196	505
c, *h*. 061775	*h* .027619	.001002	.002507	(*c*)	*c* .002665	.....	.000252	.095820	506
c, *h*. 054946	*h* .025239	.000916	.002293	(*c*)	*c* .002437	.....	.000231	.086062	507
c, *h*. 044319	*h* .011870	.000430	.001078	(*c*)	*c* .001147	.....	.000108	.058952	508
c, *h*. 046126	*h* .013122	.000476	.001191	(*c*)	*c* .001266	.....	.000119	.062300	509
c, *h*. 049702	*h* .015387	.000558	.001396	(*c*)	*c* .001467	.....	.000140	.068650	510

f Exempt from taxes.
g Made in 1889.
h The yarn was bought, hence the cost of spinning and preceding operations is included with the cost of materials.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
511	92	Continent of Europe.	Shirting (*a*)	35.43	3.76	33.00	43.00	81	128	3.75
512	92	....do	Shirting (*a*)	35.43	2.96	19.00	21.00	63	73	4.50
513	32	Northern district, United States.	Shirting	36.00	5.31	40.00	60.00	94	94	3.89
514	6	....do	Shirting	36.00	4.01	21.50	20.85	52	56	(*d*)
515	6	....do	Shirting	36.00	3.48	22.00	24.00	64	68	(*d*)
516	90	Southern district, United States.	Shirting (*e*)	36.00	3.00	12.50	13.50	48	46	6.00
517	99	Great Britain	Shirting (*a*)	39.00	5.00	60.00	70.00	100	144	9.46
518	96	....do	Shirting (*a*)	39.00	4.65	50.00	60.00	100	116	6.20
519	75	....do	Shirting	39.00	4.55	32.00	36.00	60	64	30.45
520	91	Continent of Europe.	Shirting (*i*)	39.37	4.11	22.00	24.00	51	51	9.21
521	72	Great Britain	Shirting	40.00	5.00	32.00	46.00	76	76	4.41
522	22	Northern district, United States.	Shirting	40.00	3.75	28.00	34.00	72	80	2.00
523	72	Great Britain	Shirting	40.00	3.46	26.00	32.00	88	76	5.07
524	78	Northern district, United States.	Shirting (*a*)	40.00	3.20	26.50	36.00	84	96	(*d*)
525	22	....do	Shirting	40.00	3.00	21.00	24.00	68	72	2.00
526	87	....do	Shirting (*l*)	44.00	3.81	33.00	42.00	80	84	2.79
527	7	....do	Shirting, bleached	36.00	4.10	30.00	35.50	78	86	3.59
528	26	....do	Shirting, bleached	40.00	3.50	28.00	33.00	80	92	3.24
529	26	....do	Shirting, bleached	40.00	3.20	28.00	33.00	84	92	3.01
530	73	Great Britain	Shirting, Indian	36.00	4.00	30.00	30.00	64	64	24.56
531	74	....do	Shirting, Indian (*s*)	40.00	4.55	32.00	*t*50.00	52	68	29.23
532	94	....do	Shirting, colored (*a*)	28.00	4.75	32.00	*v*26.00	60	80	(*d*)
533	66	Southern district, United States.	Shirting, colored	28.50	3.23	13.50	20.50	88	32	.....
534	76	Great Britain	Shirting, colored	29.00	3.33	36.00	10.00	88	54	5.56
535	76	....do	Shirting, colored	29.00	3.00	24.00	12.00	70	70	5.00
536	86	Northern district, United States.	Shirting, fancy, dyed (*a*)	32.00	6.13	40.00	*z*60.00	80	90	.....

a Made in 1889.
b The expenditures for size and oil are inseparably combined with those for other supplies and repairs.
c The yarn was bought, hence the cost of spinning and preceding operations is included with the cost of materials.
d Not reported.
e Made in 1890.
f The expenditures for lighting are inseparably combined with those for other supplies and repairs.
g Not including size, the expenditures for which were not reported.
h The expenditures for oil and interest are inseparately combined with those for other supplies and repairs.
i The expenditures for insurance are inseparably combined with those for taxes.
j Including insurance and interest and not including size.
k The expenditures for officials and clerks, fuel and lighting, oil, taxes, insurance, and interest are inseparably combined with those for other supplies and repairs.
l Made in 1888.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Continued.

Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.	Product number.
			Fuel and lighting.	Oil.	Other.				
b,*c*$0.059313	*c*$0.018119	$0.000657	$0.001645	(*b*)	*b*$0.001750	.....	$0.000165	$0.081649	511
b,*c*.062865	*c*.010373	.000376	.000942	(*b*)	*b*.001001	.....	.000094	.075651	512
.025967	.019534	.000777	.000777	$0.000080	.001421	$0.002145	.001314	.052015	513
.031217	.013203	.000909	.000496	.000130	.002099	.000531	.001076	.049661	514
.035972	.016558	.001140	.000622	.000163	.002633	.000666	.001349	.059103	515
.044013	.009823	.000878	*f*.000609	.000031	*f*.001733	.000521	.001341	.058954	516
c,*g*.060324	*c*.022622	.000570	.000634	(*h*)	*h*.011469	.....	*i*.000761	*j*.096380	517
c,*g*.047157	*c*.024170	(*k*)	(*k*)	(*k*)	*k*.006505	.....	(*k*)	*j*.077832	518
.019677	.010015	.000318	.000788	.000149	.000863	.....	.000101	.031911	519
.027402	.010515	.001052	.001575	.000231	.002303	.....	.000329	.043407	520
e.032247	*e*.010214	.000324	.000350	.000070	.000130	.....	.000072	.043407	521
.032451	.018138	.000420	.001619	.000087	.000874	.....	.001103	.054692	522
e.047197	*e*.006791	.000356	.000385	.000077	.000142	.....	.000079	.055027	523
.038437	.030000	(*d*)	(*m*)	(*m*)	*m*.007813	.....	(*m*)	*n*.076250	524
.040564	.016456	.000381	.001469	.000078	.000793	.....	.001001	.060742	525
.032368	.022929	.001441	*o*.001738	.000150	.002178	.....	.000891	*p*.061695	526
.031704	.018749	.001408	.000596	.000190	*q*.006288	.000415	.001512	*q*.060862	527
.034909	.021180	.000879	.001239	.000158	*r*.010283	.000330	.000845	*r*.069823	528
.038181	.023942	.000962	.001356	.000172	*r*.010639	.000361	.000924	*r*.076537	529
e.033094	*e*.006959	.000195	.000346	.000059	.000591	.....	.000027	.041871	530
c,*u*.026897	*c*.007035	.000268	.000222	.000025	.000750	.....	.000254	.035451	531
c.041240	*c*,*w*.022869	(*w*)	(*w*)	(*w*)	(*w*)	.....	(*w*)	*x*.064109	532
.042631	.025151	.001705	.003360	(*y*)	*y*.003574	.....	.001520	.077941	533
c.057260	*c*.019134	.000286	.000501	.000036	.006331	.....	.000250	.083798	534
c.079565	*c*.020652	.000290	.000507	.000036	.006413	.....	.000254	.107717	535
c,*aa*.249640	*c*.080180	.004120	.002150	(*y*)	*y*.001770	.....	.002590	*aa*.340450	536

m The expenditures for fuel and lighting, oil, taxes, and insurance are inseparably combined with those for other supplies and repairs.
n Including insurance, and not including officials and clerks.
o Not including lighting, the expenditures for which were not reported.
p Not including lighting.
q Including $0.004761 for bleaching.
r Including $0.006483 for bleaching.
s Also known as dhoties or colored borders.
t Number 20 colored yarn was also used in the border of the goods.
u Including $0.004994 for colored yarn.
v Number 14 pin cop yarn was also used.
w The expenditures for officials and clerks, fuel and lighting, oil, other supplies and repairs, taxes, insurance, and depreciation are inseparably combined with those for labor.
x Including insurance and depreciation.
y The expenditures for oil are inseparably combined with those for other supplies and repairs.
z Spun silk.
aa Including $0.218700 for spun silk.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

I.—ELEMENTS OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
537	83	Northern district, United States.	Shirting, flannel, dyed (*a*).	28.00	4.90	22.00	12.00	48	42	(*b*)
538	66	Southern district, United States.	Stripes, dyed	27.50	4.21	14.00	16.25	66	35	.....
539	66	....do	Stripes, dyed	27.50	3.74	14.00	15.50	66	43	.....
540	66	....do	Stripes, dyed	28.50	3.14	12.00	17.00	67	48	.....
541	66	....do	Ticking, dyed	30.25	2.53	10.50	16.00	65	52	.....
542	92	Continent of Europe.	Tripleurs (*f*)	35.43	3.20	14.00	12.00	41	37	6.02
543	92	....do	Tripleurs (*f*)	35.43	2.11	11.00	7.00	41	37	5.72
544	92	....do	Twill (*a*)	33.47	3.65	27.00	25.00	60	103	3.08
545	7	Northern district, United States.	Twill	35.00	5.00	30.00	35.50	68	72	3.44
546	92	Continent of Europe.	Twill (*a*)	35.43	5.39	33.00	44.00	67	73	4.98
547	92	....do	Twill (*a*)	35.43	4.34	33.00	44.00	78	103	4.15
548	92	....do	Twill (*a*)	35.43	3.90	27.00	29.00	68	77	3.16
549	92	....do	Twill (*a*)	35.43	3.75	33.00	53.00	78	165	3.19
550	92	....do	Twill (*a*)	35.43	3.61	33.00	65.00	81	205	3.24
551	92	....do	Twill (*a*)	35.43	3.59	33.00	44.00	81	139	3.22
552	92	....do	Twill (*a*)	35.43	3.51	33.00	53.00	81	176	3.11
553	92	....do	Twill (*a*)	35.43	3.34	27.00	25.00	68	83	3.41
554	92	....do	Twill (*a*)	35.43	2.92	32.00	25.00	73	117	2.33
555	92	....do	Twill (*a*)	35.43	2.78	27.00	32.00	68	154	2.49
556	92	....do	Twill (*a*)	35.43	2.73	27.00	59.00	68	294	2.45
557	92	....do	Twill (*a*)	35.43	2.59	27.00	44.00	68	231	2.61
558	92	....do	Twill (*a*)	35.43	2.16	19.00	19.00	61	117	2.87
559	5	Northern district, United States.	Twill	37.00	5.38	28.00	22.00	48	48	5.60
560	99	Great Britain.	Twill (*a*)	39.00	2.73	30.00	36.00	80	136	7.95
561	99	....do	Twill (*a*)	39.00	1.87	22.00	15.00	63	100	5.56
562	92	Continent of Europe.	Twill (*a*)	41.34	3.22	33.00	48.00	78	154	3.21
563	7	Northern district, United States.	Twill	44.00	3.30	30.00	35.50	78	90	3.30
564	92	Continent of Europe.	Twill (*a*)	47.25	2.85	33.00	44.00	78	132	3.26
565	92	....do	Twill (*a*)	59.06	2.25	33.00	59.00	78	183	3.23
566	6	Northern district, United States.	Twill, 4 leaf	39.00	4.80	28.43	39.45	68	68	(*b*)
567	87	....do	Twill lining, 3 leaf (*l*)	43.50	3.51	33.00	44.00	80	108	2.54
568	87	....do	Twill lining, 3 leaf (*l*)	44.00	3.58	33.00	50.00	80	120	2.23
569	87	....do	Twill lining, 5 leaf (*l*)	36.00	4.55	33.00	40.00	76	92	2.53
570	80	....do	Victoria lawn (*a*)	26.00	9.67	28.00	41.00	56	48	1.89
571	77	....do	Victoria lawn (*a*)	30.00	8.88	45.00	50.00	64	60	2.00
572	77	....do	Victoria lawn (*a*)	33.00	7.84	65.00	75.00	96	100	2.00

a Made in 1889.
b Not reported.
c The yarn was bought, hence the cost of spinning and preceding operations is included with the cost of materials.
d Not including dye-house labor, the expenditures for which were not reported.
e The expenditures for oil are inseparably combined with those for other supplies and repairs.
f Linings for shirt fronts; made in 1889.
g The expenditures for size and oil are inseparably combined with those for other supplies and repairs.
h Not including size, the expenditures for which were not reported.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

I.—ELEMENTS OF COST IN ONE YARD—Continued.

Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.	Product number.
			Fuel and lighting.	Oil.	Other.				
c $0.038500	*c,d* $0.017213	$0.000956	$0.000334	$0.000067	$0.000573	.....	$0.000115	*d* $0.057758	537
.032707	.018622	.001258	.002478	(*e*)	*e*.002637	.....	.001121	.058823	538
.036818	.020716	.001398	.002754	(*e*)	*e*.002930	.....	.001246	.065862	539
.043853	.023906	.001608	.003168	(*e*)	*e*.003371	.....	.001433	.077339	540
.054426	.027479	.001833	.003611	(*e*)	*e*.003841	.....	.001634	.092824	541
c,g .049208	*c*.005869	.000213	.000535	(*g*)	*g*.000569	.....	.000053	.056447	542
c,g .072446	*c*.006248	.000227	.000567	(*g*)	*g*.000603	.....	.000057	.080148	543
c,g .052809	*c*.012373	.000449	.001123	(*g*)	*g*.001193	.....	.000113	.068060	544
.025997	.015374	.001155	.000490	.000155	.001252	$0.000340	.001240	.046003	545
c,g .037831	*c*.008874	.000321	.000805	(*g*)	*g*.000856	.....	.000081	.048768	546
c,g .047849	*c*.011624	.000421	.001055	(*g*)	*g*.001121	.....	.000106	.062176	547
c,g .050203	*c*.009367	.000341	.000852	(*g*)	*g*.000906	.....	.000086	.061755	548
c,g .063928	*c*.019370	.000703	.001759	(*g*)	*g*.001869	.....	.000177	.087806	549
c,g .078574	*c*.024490	.000889	.002224	(*g*)	*g*.002365	.....	.000224	.108866	550
c,g .058545	*c*.018580	.000618	.001544	(*g*)	*g*.001641	.....	.000155	.081083	551
c,g .068464	*c*.021617	.000784	.001964	(*g*)	*g*.002087	.....	.000197	.095113	552
c,g .057576	*c*.010495	.000381	.000953	(*g*)	*g*.001013	.....	.000096	.070514	553
c,g .066689	*c*.013748	.000499	.001248	(*g*)	*g*.001326	.....	.000125	.083635	554
c,g .073789	*c*.017493	.000635	.001589	(*g*)	*g*.001689	.....	.000159	.095354	555
c,g .092367	*c*.037109	.001347	.003372	(*g*)	*g*.003583	.....	.000339	.138117	556
c,g .081403	*c*.028720	.001043	.002610	(*g*)	*g*.002775	.....	.000263	.116814	557
c,g .079509	*c*.015616	.000567	.001420	(*g*)	*g*.001508	.....	.000143	.098763	558
.023791	.018331	.000992	.002340	.000220	.002370	.....	.000348	.048392	559
c, h .074410	*c*.018738	.000724	.000815	(*i*)	*i*.008509	.....	*j*.000815	*k*.104011	560
c, h.089708	*c*.014302	.000453	.000452	(*i*)	*i*.006880	.....	*j*.000468	*k*.112293	561
c, g.069817	*c*.023987	.000871	.002180	(*g*)	*g*.002317	.....	.000219	.099391	562
.039390	.023294	.001750	.000741	.000235	.001898	.000515	.001878	.069701	563
c,g. 072762	*c*.024993	.000907	.002270	(*g*)	*g*.002412	.....	.000226	.103570	564
c,g .107433	*c*.043480	.001579	.003951	(*g*)	*g*.004199	.....	.000397	.161039	565
.026079	.017691	.001218	.000664	.000175	.002813	.000712	.001442	.050794	566
.035155	.027596	.001688	*m*.002036	.000176	.002570	.....	.001026	*n*.070247	567
.034501	.030576	.001854	*m*.002235	.000194	.002804	.....	.001145	*n*.073309	568
.027140	.020519	.001420	*m*.001714	.000148	.002154	.....	.000879	*n*.053974	569
o.012380	.008420	.000680	.000370	(*o*)	*o*.001360	(*o*)	.000390	.023600	570
g.017500	.015000	.000200	.001200	(*g*)	*g*.001300	.....	.000600	.035800	571
g.022300	.023350	.000200	.001200	(*g*)	*g*.002800	.....	.000800	.050650	572

i The expenditures for oil and interest are inseparably combined with those for other supplies and repairs.
j The expenditures for insurance are inseparably combined with those for taxes.
k Including insurance and interest and not including size.
l Made in 1888.
m Not including lighting, the expenditures for which were not reported.
n Not including lighting.
o The expenditures for size, oil, and water power are inseparably combined with those for other supplies and repairs.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Concluded.

[Establishments numbered 1 to 38, and 77 to 83 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		Estimated per cent. of sizing.
						Warp.	Weft.	Warp.	Weft.	
573	96	Great Britain.	Victoria lawn (*a*)...	36.00	8.35	60.00	70.00	80	80	6.30
574	92	Continent of Europe.	Warp twill (*a*).....	30.32	2.51	19.00	17.00	95	73	6.38
575	92	....do.....	Warp twill (*a*).....	33.07	2.35	19.00	17.00	97	62	6.51
576	92	....do.....	Warp twill (*a*).....	33.62	3.75	24.00	44.00	100	33	9.23
577	92	....do.....	Warp twill (*a*).....	36.62	3.39	24.00	44.00	100	59	8.33
578	92	....do.....	Warp twill (*a*).....	36.62	1.62	19.00	9.00	103	59	5.44
579	92	....do.....	Warp twill (*a*).....	37.40	3.80	24.00	30.00	81	44	7.63
580	92	....do.....	Warp twill (*a*).....	47.25	1.88	19.00	19.00	93	51	7.29
581	92	....do.....	Warp twill (*a*).....	47.25	1.74	19.00	21.00	93	73	6.73
582	92	....do.....	Warp twill (*a*).....	59.06	1.49	19.00	19.00	93	51	7.39

a Made in 1889.
b Not including size, the expenditures for which were not reported.
c The yarn was bought, hence the cost of spinning and preceding operations is included with the cost of materials.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE YARD—Concluded.

Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.	Product number.
			Fuel and lighting.	Oil.	Other.				
b, *c*$0.029529	*c*$0.512842	(*d*)	(*d*)	(*d*)	*d*$0.004748	.....	(*d*)	*e*$0.047119	573
c f. 067620	*c*. 010742	$0.000391	$0.000977	(*f*)	*f*. 001038	.....	$0.000099	.080867	574
c f. 072218	*c*. 008998	.000326	.000817	(*f*)	*f*. 000868	.....	.000082	.083309	575
c f. 049296	*c*. 005252	.000190	.000476	(*f*)	*f*. 000506	.....	.000047	.055767	576
c f. 055561	*c*. 009498	.000344	.000862	(*f*)	*f*. 000916	.....	.000087	.067268	577
c f. 039032	*c*. 010619	.000386	.000965	(*f*)	*f*. 001026	.....	.000097	.112125	578
c f. 018792	*c*. 006371	.000231	.000579	(*f*)	*f*. 000616	.....	.000058	.056647	579
c f. 087541	*c*. 010760	.000391	.000977	(*f*)	*f*. 001038	.....	.000099	.100806	580
c f. 099570	*c*. 014989	.000544	.001364	(*f*)	*f*. 001448	.....	.000137	.118052	581
c f. 114944	*c*. 011994	.000435	.001091	(*f*)	*f*. 001159	.....	.000109	.129732	582

d The expenditures for officials and clerks, fuel and lighting, oil, taxes, insurance, and interest are inseparably combined with those for other supplies and repairs.

e Including insurance and interest, and not including size.

f The expenditures for size and oil are inseparably combined with those for other supplies and repairs.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—PER CENT. OF EACH ELEMENT OF COST IN ONE YARD.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain. This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.
					Fuel and lighting.	Oil.	Other.			
1	68	65.09	25.04	2.19	.69	.15	4.27	2.27	.30	100
2	43	59.71	27.04	3.69	4.12	.46	4.36	.....	.62	100
3	96	61.19	28.08	.....	.....	.....	10.73	.....	.....	100
4	19	36.69	46.55	2.15	4.38	.30	7.33	.....	2.60	100
5	80	45.67	42.32	2.89	1.61	.....	5.81	.....	1.70	100
6	57	52.42	34.27	4.43	4.50	.27	3.66	.....	.45	100
7	47	55.97	34.13	2.21	.55	.16	3.60	.68	2.70	100
8	47	55.97	34.13	2.21	.55	.16	3.60	.68	2.70	100
9	67	65.75	28.75	1.34	.13	.07	3.27	.....	.69	100
10	64	55.79	30.25	3.77	3.70	.22	4.12	.....	2.15	100
11	13	80.98	12.54	1.33	2.10	.10	2.20	.52	.23	100
12	92	83.71	13.22	.48	1.20	.....	1.27	.....	.12	100
13	91	53.59	33.47	3.09	3.49	.51	5.12	.....	.73	100
14	92	85.14	12.06	.44	1.09	.....	1.16	.....	.11	100
15	92	82.75	13.99	.51	1.27	.....	1.35	.....	.13	100
16	92	87.17	10.41	.38	.95	.....	1.00	.....	.09	100
17	92	82.19	14.45	.52	1.31	.....	1.40	.....	.13	100
18	91	69.27	20.24	2.13	2.96	.43	4.36	.....	.61	100
19	92	82.79	13.96	.50	1.27	.....	1.35	.....	.13	100
20	92	86.30	11.09	.41	1.02	.....	1.08	.....	.10	100
21	92	88.35	9.45	.34	.86	.....	.91	.....	.09	100
22	92	87.84	9.86	.36	.90	.....	.95	.....	.09	100
23	92	77.77	18.03	.65	1.64	.....	1.74	.....	.17	100
24	92	71.22	23.35	.85	2.12	.....	2.25	.....	.21	100
25	92	80.36	15.93	.58	1.45	.....	1.54	.....	.14	100
26	92	88.13	9.63	.35	.87	.....	.93	.....	.09	100
27	92	84.07	12.92	.47	1.17	.....	1.25	.....	.12	100
28	92	83.38	13.49	.49	1.22	.....	1.30	.....	.12	100
29	92	76.21	19.30	.70	1.75	.....	1.86	.....	.18	100
30	92	92.94	5.72	.21	.52	.....	.56	.....	.05	100
31	92	82.47	14.22	.52	1.29	.....	1.37	.....	.13	100
32	92	83.71	13.21	.48	1.20	.....	1.28	.....	.12	100
33	92	71.46	23.15	.84	2.10	.....	2.24	.....	.21	100
34	92	84.81	12.32	.45	1.12	.....	1.19	.....	.11	100
35	92	87.00	10.54	.38	.96	.....	1.02	.....	.10	100
36	85	56.54	38.88	.29	.41	1.18	2.44	.....	.26	100
37	85	57.22	38.14	.30	.40	1.20	2.47	.....	.27	100
38	79	52.04	27.22	1.16	3.84	.11	14.90	.....	.73	100
39	47	55.97	34.13	2.21	.55	.16	3.60	.68	2.70	100
40	85	59.96	35.41	.30	.41	1.19	2.46	.....	.27	100
41	85	59.44	35.98	.29	.41	1.18	2.44	.....	.26	100
42	57	67.20	23.77	3.01	3.05	.18	2.48	.....	.31	100
43	58	68.70	22.67	2.88	2.23	.25	2.74	.....	.53	100
44	59	52.54	36.15	3.77	3.33	.27	2.78	.....	1.16	100
45	64	62.27	26.05	3.15	3.10	.18	3.45	.....	1.80	100
46	49	79.00	15.50	.66	2.35	.....	1.89	.....	.....	100
47	49	77.43	17.15	.73	2.59	.....	2.10	.....	.....	100
48	27	66.03	24.47	.88	1.94	.19	5.16	.....	1.33	100
49	27	63.15	26.54	.96	2.10	.20	5.60	.....	1.45	100
50	27	65.31	24.99	.90	1.98	.19	5.27	.....	1.36	100
51	27	66.06	24.44	.88	1.94	.19	5.16	.....	1.33	100
52	27	67.23	23.60	.85	1.87	.18	4.98	.....	1.29	100
53	27	67.06	23.72	.86	1.88	.19	5.00	.....	1.29	100
54	27	70.43	21.29	.77	1.69	.17	4.49	.....	1.16	100
55	27	72.46	19.83	.72	1.57	.15	4.19	.....	1.08	100
56	27	71.85	20.27	.73	1.61	.16	4.28	.....	1.10	100
57	27	75.57	17.59	.63	1.40	.14	3.71	.....	.96	100
58	27	65.47	24.86	.90	1.97	.19	5.25	.....	1.36	100
59	99	78.59	13.49	.45	.45	.....	6.54	.....	.48	100
60	76	71.90	19.84	.32	.56	.04	7.06	.....	.28	100
61	63	73.49	17.41	1.76	1.35	.....	5.42	.....	.57	100
62	63	74.11	17.00	1.71	1.32	.....	5.30	.....	.56	100
63	50	68.50	20.95	2.42	2.26	.....	4.15	.....	1.72	100
64	70	63.44	21.57	2.27	1.66	.13	5.97	.....	4.96	100
65	61	73.46	18.68	2.56	.32	.07	4.32	.....	.59	100
66	62	73.77	17.59	1.84	1.15	.22	4.82	.....	.61	100
67	67	67.59	25.44	1.70	.17	.09	4.14	.....	.87	100

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—PER CENT. OF EACH ELEMENT OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71 and 91 to 95 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain. This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.
					Fuel and lighting.	Oil.	Other.			
68	60	72.02	19.20	2.20	1.32	.25	4.06	.....	.95	100
69	12	61.60	29.05	3.41	.25	.12	4.39	.....	1.18	100
70	60	67.40	22.37	2.56	1.54	.29	4.73	.....	1.11	100
71	65	65.20	24.41	1.26	3.27	.....	3.61	.....	2.25	100
72	10	67.82	23.15	2.21	1.42	.17	4.84	.....	.39	100
73	22	77.28	18.53	.43	1.65	.09	.89	.....	1.13	100
74	23	69.99	21.68	.73	1.61	.12	4.71	.....	1.16	100
75	64	64.44	23.63	3.22	3.16	.18	3.53	.....	1.84	100
76	11	59.50	31.97	4.23	.49	.30	2.56	.....	.95	100
77	6	63.40	26.20	1.80	.98	.26	4.16	1.06	2.14	100
78	42	65.09	23.62	3.00	2.28	.37	5.18	.....	.46	100
79	61	73.95	18.33	2.52	.32	.06	4.24	.....	.58	100
80	69	64.14	24.68	3.09	1.11	.12	5.01	1.58	.27	100
81	49	67.79	24.48	1.04	3.70	.....	2.99	.....	.....	100
82	46	66.81	22.01	2.19	.90	.09	2.31	1.60	4.09	100
83	60	70.94	19.94	2.29	1.37	.25	4.22	.....	.99	100
84	65	62.50	26.31	1.36	3.52	.....	3.80	.....	2.42	100
85	51	63.76	25.67	2.63	3.11	.....	4.37	.....	.46	100
86	50	68.49	20.95	2.42	2.26	.....	4.15	.....	1.73	100
87	63	72.77	17.88	1.80	1.39	.....	5.57	.....	.59	100
88	42	70.83	19.74	2.50	1.91	.31	4.33	.....	.38	100
89	44	70.96	19.80	3.06	2.85	.05	2.49	.....	.79	100
90	45	68.04	19.62	2.28	1.10	.16	4.46	.89	3.45	100
91	49	74.62	19.29	.82	2.91	.....	2.36	.....	.....	100
92	60	72.02	19.20	2.20	1.32	.25	4.06	.....	.95	100
93	60	74.41	16.94	1.49	1.03	.05	2.93	.88	2.27	100
94	65	66.19	23.72	1.23	3.17	.....	3.51	.....	2.18	100
95	49	75.95	18.27	.78	2.76	.....	2.24	.....	.....	100
96	27	72.77	19.60	.71	1.56	.15	4.14	.....	1.07	100
97	70	65.52	21.52	2.26	1.66	.13	5.96	.....	4.95	100
98	39	69.07	21.46	2.67	1.84	.17	3.63	.....	1.16	100
99	47	68.07	19.49	2.77	.69	.20	4.53	.85	3.40	100
100	61	73.95	18.33	2.52	.32	.06	4.24	.....	.58	100
101	11	59.50	31.97	4.23	.49	.30	2.56	.....	.95	100
102	40	68.89	19.79	2.97	3.04	.....	3.98	.....	1.33	100
103	91	73.63	18.39	1.39	2.26	.31	3.56	.....	.46	100
104	62	73.77	17.59	1.84	1.15	.22	4.82	.....	.61	100
105	92	85.25	11.97	.43	1.09	.....	1.15	.....	.11	100
106	52	66.31	26.92	4.64	2.26	.....	5.40	.....	.47	100
107	92	81.42	15.20	.55	1.22	.....	1.47	.....	.14	100
108	92	90.56	7.65	.28	.70	.....	.74	.....	.07	100
109	11	61.91	30.07	3.98	.46	.28	2.41	.....	.89	100
110	42	64.82	23.81	3.02	2.30	.38	5.22	.....	.46	100
111	9	65.20	26.06	2.49	1.33	.15	3.75	.....	1.02	100
112	70	59.14	24.10	2.53	1.85	.15	6.68	.....	5.55	100
113	49	73.67	20.00	.85	3.03	.....	2.45	.....	.....	100
114	90	74.94	16.68	1.43	1.04	.05	2.82	.89	2.15	100
115	44	73.96	19.79	3.06	2.85	.05	2.49	.....	.80	100
116	45	68.04	19.62	2.28	1.10	.16	4.46	.89	3.45	100
117	60	72.02	19.20	2.20	1.32	.25	4.06	.....	.95	100
118	61	74.31	18.08	2.48	.31	.07	4.18	.....	.57	100
119	44	70.96	19.79	3.06	2.85	.05	2.49	.....	.80	100
120	47	73.89	15.93	2.27	.56	.17	3.70	.70	2.78	100
121	47	74.93	15.30	2.18	.54	.16	3.55	.67	2.67	100
122	30	45.79	46.08	1.09	1.98	.20	3.06	.....	1.20	100
123	4	52.08	39.50	1.34	.96	.26	4.21	.....	1.65	100
124	47	70.57	17.96	2.56	.63	.19	4.17	.79	3.13	100
125	47	68.22	19.49	2.76	.68	.20	4.51	.85	3.38	100
126	70	70.29	17.58	1.85	1.35	.11	4.87	.....	4.04	100
127	70	71.48	17.00	1.80	1.31	.11	4.73	.....	3.93	100
128	70	69.59	17.94	1.85	1.38	.11	4.97	.....	4.13	100
129	10	68.35	23.05	2.11	1.35	.16	4.61	.....	.37	100
130	70	70.21	17.57	1.85	1.35	.11	4.87	.....	4.04	100
131	12	61.90	29.05	3.41	.25	.12	4.39	.....	1.18	100
132	13	68.86	20.53	2.18	3.44	.17	3.59	.86	.37	100
133	47	83.85	9.86	1.40	.35	.10	2.29	.43	1.72	100
134	13	68.86	20.53	2.18	3.44	.17	3.59	.86	.37	100

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—PER CENT. OF EACH ELEMENT OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71 and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain. This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.
					Fuel and lighting.	Oil.	Other.			
135	12	61.03	29.72	3.37	.24	.12	4.35	.....	1.17	100
136	47	69.99	18.32	2.61	.64	.19	4.26	.80	3.19	100
137	49	76.24	18.05	.77	2.73	.....	2.21	.....	.....	100
138	13	68.86	20.53	2.18	3.44	.17	3.59	.86	.37	100
139	70	66.47	19.78	2.08	1.52	.12	5.48	.....	4.55	100
140	47	69.99	18.32	2.61	.64	.19	4.26	.80	3.19	100
141	70	69.72	17.86	1.88	1.37	.11	4.95	.....	4.11	100
142	47	69.99	18.32	2.61	.64	.19	4.26	.80	3.19	100
143	47	69.99	18.32	2.61	.64	.19	4.26	.80	3.19	100
144	27	60.38	28.53	1.03	2.26	.22	6.02	.....	1.56	100
145	27	60.52	28.43	1.03	2.25	.22	6.00	.....	1.55	100
146	27	62.31	27.14	.98	2.15	.21	5.73	.....	1.48	100
147	27	69.28	22.12	.80	1.75	.17	4.67	.....	1.21	100
148	27	63.48	26.30	.95	2.09	.20	5.55	.....	1.43	100
149	27	66.13	24.39	.88	1.93	.19	5.15	.....	1.33	100
150	27	67.39	23.48	.85	1.86	.18	4.96	.....	1.28	100
151	27	66.61	24.04	.87	1.91	.19	5.07	.....	1.31	100
152	27	66.85	23.87	.86	1.89	.19	5.04	.....	1.30	100
153	27	67.93	23.10	.83	1.83	.18	4.87	.....	1.26	100
154	27	69.01	22.32	.80	1.77	.17	4.71	.....	1.22	100
155	27	69.97	21.63	.78	1.71	.17	4.56	.....	1.18	100
156	27	64.02	25.91	.93	2.06	.20	5.47	.....	1.41	100
157	27	68.13	22.95	.83	1.82	.18	4.84	.....	1.25	100
158	27	72.66	19.69	.71	1.56	.15	4.16	.....	1.07	100
159	27	72.43	19.85	.72	1.57	.16	4.19	.....	1.08	100
160	27	65.46	24.87	.90	1.97	.19	5.25	.....	1.36	100
161	27	69.77	21.77	.78	1.73	.17	4.59	.....	1.19	100
162	66	56.04	31.36	2.11	4.17	.....	4.43	.....	1.89	100
163	94	57.59	42.41	.....	.....	.....	.....	.....	.....	100
164	83	65.04	30.98	1.86	.65	.13	1.12	.....	.22	100
165	79	34.37	40.00	1.90	6.25	.19	16.10	.....	1.19	100
166	8	36.99	43.02	2.36	2.02	.....	13.76	.....	1.85	100
167	66	56.04	31.36	2.11	4.17	.....	4.43	.....	1.89	100
168	94	67.07	32.93	.....	.....	.....	.....	.....	.....	100
169	77	46.28	45.11	.72	2.15	.....	4.30	.....	1.44	100
170	77	38.95	48.75	.46	2.27	.....	8.43	.....	1.14	100
171	96	51.40	30.91	.....	.....	.....	17.69	.....	.....	100
172	82	61.58	29.65	3.13	1.91	.....	3.31	.....	.42	100
173	85	73.50	21.45	.33	.45	1.30	2.68	.....	.29	100
174	80	52.63	35.42	2.90	1.59	.....	5.77	.....	1.69	100
175	66	33.34	46.20	3.43	6.77	.....	7.20	.....	3.06	100
176	66	35.63	44.62	3.32	6.53	.....	6.95	.....	2.95	100
177	66	35.25	44.88	3.34	6.57	.....	6.99	.....	2.97	100
178	99	71.80	18.62	.61	.61	.....	7.69	.....	.67	100
179	30	42.91	49.16	1.15	2.09	.21	3.22	.....	1.26	100
180	41	75.37	17.32	3.25	1.54	.....	2.03	.....	.49	100
181	52	76.45	14.62	3.24	1.58	.....	3.78	.....	.33	100
182	52	78.23	13.52	2.99	1.46	.....	3.49	.....	.31	100
183	41	68.08	22.45	4.21	2.09	.....	2.63	.....	.63	100
184	52	76.07	14.86	3.29	1.60	.....	3.84	.....	.34	100
185	52	80.11	12.35	2.74	1.33	.....	3.19	.....	.28	100
186	49	87.63	9.40	.40	1.42	.....	1.15	.....	.....	100
187	52	82.16	11.08	2.45	1.20	.....	2.86	.....	.25	100
188	66	73.89	18.10	1.34	2.65	.....	2.82	.....	1.20	100
189	41	75.37	17.32	3.25	1.54	.....	2.93	.....	.49	100
190	13	73.26	17.62	1.87	2.96	.15	3.08	.74	.32	100
191	38	57.45	35.52	1.03	2.07	1.41	2.32	.....	.20	100
192	78	36.10	51.81	.....	.....	.....	12.09	.....	.....	100
193	92	70.36	24.04	.87	2.19	.....	2.32	.....	.22	100
194	92	70.27	24.12	.87	2.19	.....	2.33	.....	.22	100
195	92	73.81	21.25	.77	1.93	.....	2.05	.....	.19	100
196	92	69.25	24.94	.90	2.27	.....	2.41	.....	.23	100
197	92	71.02	23.51	.85	2.13	.....	2.27	.....	.22	100
198	92	69.73	24.55	.89	2.23	.....	2.37	.....	.23	100
199	92	67.08	26.70	.97	2.43	.....	2.58	.....	.24	100
200	92	68.80	25.31	.92	2.30	.....	2.44	.....	.23	100
201	92	73.07	21.85	.79	1.98	.....	2.11	.....	.20	100

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—PER CENT. OF EACH ELEMENT OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71 and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain. This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.
					Fuel and lighting.	Oil.	Other.			
202	93	80.05	16.22	.....	.....	.....	3.73	.....	.....	100
203	66	56.04	31.36	2.12	4.17	.....	4.43	.....	1.88	100
204	64	64.82	24.43	2.90	2.85	.17	3.17	.....	1.66	100
205	56	73.83	18.63	2.53	1.80	.11	2.65	.....	.45	100
206	64	64.82	24.43	2.90	2.85	.17	3.17	.....	1.66	100
207	47	55.97	34.13	2.21	.55	.16	3.60	.68	2.70	100
208	84	76.56	18.81	.36	1.60	.18	2.31	.....	.18	100
209	66	63.20	26.51	1.72	3.40	.....	3.63	.....	1.54	100
210	67	65.75	28.75	1.34	.13	.07	3.27	.....	.69	100
211	66	56.04	31.36	2.11	4.17	.....	4.43	.....	1.89	100
212	66	56.04	31.36	2.12	4.17	.....	4.43	.....	1.88	100
213	47	55.97	34.13	2.21	.55	.16	3.60	.68	2.70	100
214	55	68.78	23.81	1.87	2.36	.21	2.65	.....	.32	100
215	53	63.71	26.23	2.74	3.08	.21	3.35	.....	.68	100
216	33	60.09	30.57	.80	1.16	.15	2.44	2.03	2.76	100
217	31	59.67	29.90	1.18	1.04	.16	2.90	2.32	2.83	100
218	81	54.31	34.22	2.98	4.26	.30	3.57	.....	.36	100
219	14	55.82	33.37	1.34	4.22	.27	3.33	.....	1.65	100
220	20	54.78	33.45	2.06	3.56	.24	3.07	.....	2.84	100
221	2	56.75	36.97	1.82	1.69	.22	1.11	.....	1.44	100
222	15	57.21	33.01	1.43	3.79	.33	1.87	.....	2.36	100
223	16	56.42	33.22	1.53	3.52	.24	2.90	.....	2.17	100
224	17	59.57	31.02	1.27	3.80	.28	2.30	.....	1.76	100
225	18	57.47	33.74	1.49	4.04	.46	.62	.....	2.18	100
226	34	57.64	32.39	3.11	3.74	.31	1.06	.....	1.75	100
227	30	50.26	42.84	1.00	1.81	.18	2.81	.....	1.10	100
228	29	52.37	34.62	1.45	2.31	.24	8.06	.....	.95	100
229	25	53.38	35.43	1.01	2.85	.19	6.08	.....	1.06	100
230	25	54.03	34.93	1.00	2.81	.19	5.99	.....	1.05	100
231	25	56.74	32.87	.94	2.65	.17	5.64	.....	.99	100
232	24	54.27	38.32	1.41	3.88	.15	.57	.....	1.40	100
233	71	73.76	19.31	.....	.....	.....	6.93	.....	.....	100
234	93	83.78	9.58	.....	.....	.....	6.64	.....	.....	100
235	25	47.70	39.74	1.13	3.20	.21	6.82	.....	1.20	100
236	95	72.56	23.23	.....	.....	.....	4.21	.....	.....	100
237	72	77.47	20.48	.70	.76	.15	.28	.....	.16	100
238	26	54.19	34.56	1.36	1.92	.25	5.90	.51	1.31	100
239	30	47.43	45.28	1.06	1.92	.19	2.96	.....	1.16	100
240	25	53.04	35.69	1.02	2.87	.19	6.12	.....	1.07	100
241	96	65.03	24.52	.....	.....	.....	10.45	.....	.....	100
242	71	76.53	17.51	.....	.....	.....	5.96	.....	.....	100
243	2	56.75	36.97	1.82	1.69	.22	1.11	.....	1.44	100
244	2	56.75	36.97	1.82	1.69	.22	1.11	.....	1.44	100
245	71	75.83	18.38	.....	.....	.....	5.79	.....	.....	100
246	30	47.88	44.88	1.05	1.91	.19	2.94	.....	1.15	100
247	76	77.80	16.81	.21	.36	.03	4.61	.....	.18	100
248	92	75.49	19.88	.72	1.81	.....	1.92	.....	.18	100
249	30	44.68	47.64	1.11	2.02	.20	3.12	.....	1.23	100
250	80	45.04	43.68	2.72	1.51	.....	5.46	.....	1.59	100
251	80	52.90	36.54	2.56	1.41	.....	5.12	.....	1.47	100
252	97	56.74	28.84	2.81	1.60	.....	9.61	.....	.40	100
253	98	39.49	51.20	.....	.....	.....	9.31	.....	.....	100
254	92	74.64	20.57	.74	1.87	.....	1.99	.....	.19	100
255	92	78.88	17.14	.62	1.55	.....	1.65	.....	.16	100
256	92	68.62	25.45	.93	2.31	.....	2.46	.....	.23	100
257	92	65.08	28.33	1.03	2.57	.....	2.73	.....	.26	100
258	92	68.47	25.58	.93	2.32	.....	2.47	.....	.23	100
259	92	74.20	20.93	.76	1.90	.....	2.02	.....	.19	100
260	92	68.10	25.87	.94	2.35	.....	2.50	.....	.24	100
261	92	80.24	16.02	.58	1.46	.....	1.55	.....	.15	100
262	92	85.22	11.99	.43	1.09	.....	1.16	.....	.11	100
263	27	67.37	23.50	.85	1.86	.18	4.96	.....	1.28	100
264	88	42.08	43.88	2.92	4.12	.34	5.40	.....	1.26	100
265	87	44.23	42.55	2.98	3.59	.31	4.55	.....	1.79	100
266	88	48.87	39.03	2.52	3.55	.29	4.65	.....	1.09	100
267	80	46.66	41.64	2.83	1.57	.....	5.65	.....	1.65	100
268	80	54.50	34.58	2.63	1.47	.....	5.28	.....	1.54	100

TABLE I.—COST OF PRODUCTION OF COTTON TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—PER CENT. OF EACH ELEMENT OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain. This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.
					Fuel and lighting.	Oil.	Other.			
269	92	83.07	13.73	.50	1.25	.....	1.33	.....	.12	100
270	88	54.06	36.63	1.94	2.73	.22	3.59	.....	.83	100
271	77	47.67	43.62	.52	1.56	.....	4.97	.....	1.66	100
272	92	68.85	25.27	.92	2.29	.....	2.44	.....	.23	100
273	92	72.37	22.41	.81	2.04	.....	2.17	.....	.20	100
274	5	49.16	37.88	2.05	4.83	.46	4.90	.....	.72	100
275	11	61.02	30.77	4.07	.47	.29	2.47	.....	.91	100
276	16	56.42	33.22	1.53	3.52	.24	2.90	.....	2.17	100
277	16	56.42	33.22	1.53	3.52	.24	2.90	.....	2.17	100
278	11	56.01	34.73	4.59	.53	.33	2.78	.....	1.03	100
279	11	61.02	30.77	4.07	.47	.29	2.47	.....	.91	100
280	60	70.71	20.10	2.30	1.38	.26	4.25	.....	1.00	100
281	16	56.42	33.22	1.53	3.52	.24	2.90	.....	2.17	100
282	65	56.74	30.35	1.57	4.06	.....	4.49	.....	2.79	100
283	48	71.02	20.81	1.95	.86	.42	4.20	.....	.74	100
284	47	62.61	22.82	3.25	.80	.24	5.30	1.00	3.98	100
285	65	59.41	28.47	1.47	3.81	.....	4.22	.....	2.62	100
286	68	65.08	25.04	2.19	.69	.16	4.27	2.27	.30	100
287	60	70.72	20.10	2.30	1.38	.26	4.25	.....	.99	100
288	60	70.64	20.15	2.31	1.38	.26	4.26	.....	1.00	100
289	61	73.25	18.83	2.59	.33	.06	4.35	.....	.59	100
290	60	72.02	19.20	2.20	1.32	.25	4.06	.....	.95	100
291	63	74.16	16.97	1.71	1.32	.....	5.28	.....	.56	100
292	30	43.81	48.39	1.13	2.05	.20	3.17	.....	1.25	100
293	11	58.14	33.05	4.37	.50	.31	2.65	.....	.98	100
294	16	56.42	33.21	1.53	3.53	.24	2.90	.....	2.17	100
295	68	65.09	25.04	2.19	.69	.15	4.27	2.27	.30	100
296	11	59.84	31.70	4.20	.48	.30	2.54	.....	.94	100
297	91	69.23	20.38	2.02	2.96	.43	4.37	.....	.61	100
298	65	60.98	27.38	1.41	3.66	.....	4.05	.....	2.52	100
299	65	63.37	25.69	1.33	3.44	.....	3.81	.....	2.36	100
300	66	52.57	32.88	2.44	4.81	.....	5.12	.....	2.18	100
301	66	52.62	32.84	2.44	4.81	.....	5.11	.....	2.18	100
302	23	57.50	30.71	1.03	2.28	.16	6.68	.....	1.64	100
303	27	61.65	27.62	1.00	2.19	.21	5.82	.....	1.51	100
304	68	71.21	20.64	1.81	.57	.13	3.52	1.87	.25	100
305	16	56.42	33.22	1.53	3.52	.24	2.90	.....	2.17	100
306	16	56.42	33.21	1.53	3.53	.24	2.90	.....	2.17	100
307	16	56.42	33.22	1.53	3.52	.24	2.90	.....	2.17	100
308	16	56.42	33.21	1.53	3.53	.24	2.90	.....	2.17	100
309	11	58.70	32.61	4.31	.50	.31	2.61	.....	.96	100
310	49	60.14	30.28	1.29	4.58	.....	3.71	.....	.....	100
311	49	59.27	30.95	1.32	4.68	.....	3.78	.....	.....	100
312	64	51.98	31.91	4.35	4.27	.25	4.76	.....	2.48	100
313	49	60.59	29.95	1.27	4.53	.....	3.66	.....	.....	100
314	57	54.25	32.72	4.35	4.41	.26	3.58	.....	.43	100
315	48	64.54	25.47	2.38	1.04	.52	5.14	.....	.91	100
316	21	54.16	34.28	1.78	2.36	.14	4.47	.53	2.28	100
317	46	66.75	22.04	2.20	.90	.09	2.31	1.61	4.10	100
318	89	67.08	23.02	3.38	3.14	.06	2.44	.....	.88	100
319	4	52.08	39.50	1.34	.96	.26	4.21	.....	1.65	100
320	65	56.74	30.35	1.57	4.06	.....	4.49	.....	2.79	100
321	49	68.20	24.16	1.03	3.66	.....	2.95	.....	.....	100
322	66	45.66	37.66	2.80	5.51	.....	5.87	.....	2.50	100
323	66	45.71	37.63	2.80	5.51	.....	5.86	.....	2.49	100
324	64	53.45	30.93	4.22	4.14	.24	4.61	.....	2.41	100
325	49	68.24	24.13	1.03	3.65	.....	2.95	.....	.....	100
326	46	66.74	22.05	2.20	.90	.09	2.31	1.61	4.10	100
327	69	65.06	24.05	3.01	1.07	.12	4.89	1.54	.26	100
328	21	62.60	27.97	1.45	1.93	.11	3.65	.43	1.86	100
329	23	61.13	28.09	.94	2.08	.15	6.10	.....	1.51	100
330	40	64.63	22.51	3.37	3.45	.....	4.53	.....	1.51	100
331	42	64.81	23.81	3.02	2.30	.38	5.22	.....	.46	100
332	46	66.72	22.07	2.20	.90	.09	2.31	1.61	4.10	100
333	48	67.34	23.46	2.19	.97	.48	4.73	.....	.83	100
334	49	68.20	24.16	1.03	3.65	.....	2.96	.....	.....	100

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—PER CENT. OF EACH ELEMENT OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain. This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.
					Fuel and lighting.	Oil.	Other.			
335	49	60.59	29.95	1.27	4.53	.....	3.66	.....	.....	100
336	51	63.76	25.67	2.62	3.11	.....	4.37	.....	.47	100
337	64	52.86	31.33	4.27	4.19	.24	4.67	.....	2.44	100
338	65	60.07	28.00	1.45	3.75	.....	4.15	.....	2.58	100
339	68	65.09	25.04	2.19	.69	.15	4.27	2.27	.30	100
340	69	65.06	24.05	3.01	1.07	.12	4.89	1.54	.26	100
341	1	54.65	35.41	2.19	2.20	.38	3.85	.....	1.32	100
342	49	68.24	24.13	1.03	3.65	.....	2.95	.....	.....	100
343	42	70.13	20.21	2.57	1.95	.32	4.43	.....	.39	100
344	69	65.06	24.05	3.01	1.07	.12	4.89	1.54	.26	100
345	50	61.55	25.57	2.95	2.76	.....	5.06	.....	2.11	100
346	54	73.56	18.97	2.19	3.38	.15	1.41	.....	.34	100
347	60	70.72	20.09	2.30	1.38	.26	4.25	.....	1.00	100
348	21	61.44	28.84	1.50	1.98	.12	3.76	.44	1.92	100
349	22	68.29	25.86	.60	2.31	.12	1.25	.....	1.57	100
350	27	61.56	27.68	1.00	2.19	.22	5.84	.....	1.51	100
351	64	61.52	25.56	3.49	3.42	.20	3.82	.....	1.99	100
352	21	68.78	23.34	1.21	1.60	.10	3.05	.36	1.56	100
353	50	68.29	21.08	2.43	2.28	.....	4.18	.....	1.74	100
354	54	73.44	19.05	2.20	3.40	.15	1.42	.....	.34	100
355	40	68.85	19.82	2.97	3.04	.....	3.99	.....	1.33	100
356	52	66.22	20.97	4.65	2.26	.....	5.42	.....	.48	100
357	47	69.99	18.32	2.61	.64	.19	4.26	.80	3.19	100
358	61	73.95	18.33	2.52	.32	.06	4.24	.....	.58	100
359	39	69.08	21.46	2.67	1.84	.17	3.62	.....	1.16	100
360	42	71.21	19.48	2.47	1.89	.31	4.27	.....	.37	100
361	63	74.17	16.96	1.71	1.32	.....	5.28	.....	.56	100
362	60	73.79	17.98	2.06	1.24	.23	3.81	.....	.89	100
363	60	70.64	20.15	2.31	1.38	.26	4.26	.....	1.00	100
364	47	69.99	18.32	2.61	.64	.19	4.26	.80	3.19	100
365	67	67.59	25.43	1.70	.17	.09	4.15	.....	.87	100
366	61	73.95	18.33	2.52	.32	.06	4.24	.....	.58	100
367	65	65.56	24.16	1.25	3.23	.....	3.58	.....	2.22	100
368	21	69.38	22.90	1.19	1.58	.09	2.99	.35	1.52	100
369	44	70.96	19.80	3.06	2.85	.05	2.49	.....	.79	100
370	45	68.04	19.62	2.28	1.10	.16	4.46	.89	3.45	100
371	49	74.55	19.34	.82	2.92	.....	2.37	.....	.....	100
372	52	66.22	20.97	4.65	2.26	.....	5.42	.....	.48	100
373	62	73.77	17.59	1.84	1.15	.22	4.82	.....	.61	100
374	63	74.16	16.97	1.71	1.32	.....	5.28	.....	.56	100
375	60	73.79	17.98	2.06	1.24	.23	3.81	.....	.89	100
376	70	62.96	21.85	2.30	1.68	.13	6.05	.....	5.03	100
377	12	61.86	28.33	3.58	.26	.12	4.61	.....	1.24	100
378	23	70.72	21.16	.71	1.57	.11	4.60	.....	1.13	100
379	28	70.06	20.56	1.28	1.68	.11	5.31	.....	1.00	100
380	46	77.58	14.86	1.48	.61	.06	1.56	1.08	2.77	100
381	63	74.91	16.48	1.66	1.28	.....	5.13	.....	.54	100
382	65	67.14	23.05	1.19	3.09	.....	3.41	.....	2.12	100
383	70	62.57	22.08	2.32	1.70	.14	6.11	.....	5.08	100
384	21	72.89	20.27	1.06	1.39	.08	2.64	.32	1.35	100
385	70	62.42	22.17	2.33	1.70	.14	6.14	.....	5.10	100
386	35	56.70	29.15	1.45	5.43	.19	6.51	.....	.57	100
387	49	68.24	24.13	1.03	3.65	.....	2.95	.....	.....	100
388	21	50.68	36.88	1.91	2.54	.15	4.81	.57	2.46	100
389	16	56.42	33.21	1.53	3.53	.24	2.90	.....	2.17	100
390	6	51.34	34.83	2.40	1.31	.34	5.54	1.40	2.84	100
391	21	54.16	34.28	1.78	2.36	.14	4.47	.53	2.28	100
392	54	62.40	26.97	3.12	4.81	.21	2.01	.....	.48	100
393	37	54.95	34.70	1.33	2.59	.53	3.89	.....	2.01	100
394	44	70.96	19.80	3.06	2.85	.05	2.49	.....	.79	100
395	5	49.16	37.88	2.05	4.83	.46	4.90	.....	.72	100
396	5	49.16	37.88	2.05	4.83	.46	4.90	.....	.72	100
397	54	73.55	18.98	2.19	3.38	.15	1.41	.....	.34	100
398	4	52.08	39.50	1.34	.96	.26	4.21	.....	1.65	100
399	3	54.51	36.00	2.34	1.24	.40	2.41	.....	3.10	100
400	21	61.44	28.84	1.50	1.98	.12	3.76	.44	1.92	100
401	47	62.10	23.13	3.29	.82	.24	5.38	1.01	4.03	100

TABLE I.—COST OF PRODUCTION OF COTTON TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—PER CENT. OF EACH ELEMENT OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain. This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.
					Fuel and lighting.	Oil.	Other.			
402	6	61.95	27.24	1.87	1.02	.27	4.33	1.10	2.22	100
403	36	50.66	38.94	1.92	2.56	.53	2.74	.....	2.65	100
404	22	67.78	26.27	.61	2.34	.13	1.27	.....	1.60	100
405	28	68.55	22.27	1.25	1.65	.11	5.19	.....	.98	100
406	47	69.99	18.32	2.61	.64	.19	4.26	.80	3.19	100
407	54	76.14	17.12	1.98	3.05	.14	1.27	.....	.30	100
408	6	50.57	35.38	2.44	1.32	.35	5.63	1.43	2.88	100
409	54	63.83	25.95	3.00	4.62	.21	1.93	.....	.46	100
410	4	52.08	39.50	1.34	.96	.26	4.21	.....	1.65	100
411	54	62.40	26.97	3.12	4.81	.21	2.01	.....	.48	100
412	36	58.01	32.79	1.70	2.28	.45	2.42	.....	2.35	100
413	21	60.41	29.60	1.54	2.04	.12	3.86	.46	1.97	100
414	5	49.16	37.88	2.05	4.83	.46	4.90	.....	.72	100
415	92	72.79	22.07	.80	2.01	.....	2.13	.....	.20	100
416	4	52.08	39.50	1.34	.96	.26	4.21	.....	1.65	100
417	36	58.49	32.17	1.72	2.31	.48	2.45	.....	2.38	100
418	37	59.45	31.16	1.21	2.35	.48	3.53	.....	1.82	100
419	28	69.33	21.39	1.27	1.66	.11	5.25	.....	.99	100
420	47	59.66	24.62	3.51	.86	.26	5.72	1.08	4.29	100
421	92	76.05	19.42	.70	1.77	.....	1.88	.....	.18	100
422	21	60.42	29.60	1.54	2.03	.12	3.86	.46	1.97	100
423	36	59.14	31.42	1.74	2.32	.48	2.49	.....	2.41	100
424	37	60.02	30.54	1.22	2.37	.48	3.54	.....	1.83	100
425	92	72.40	22.39	.81	2.03	.....	2.16	.....	.21	100
426	21	60.41	29.60	1.54	2.04	.12	3.86	.46	1.97	100
427	36	58.73	31.86	1.72	2.32	.48	2.48	.....	2.41	100
428	92	77.71	18.05	.66	1.65	.....	1.76	.....	.17	100
429	21	60.41	29.60	1.54	2.04	.12	3.86	.46	1.97	100
430	36	57.85	32.86	1.71	2.29	.47	2.45	.....	2.37	100
431	37	59.11	31.53	1.20	2.30	.48	3.52	.....	1.82	100
432	21	60.41	29.60	1.54	2.04	.12	3.86	.46	1.97	100
433	36	57.94	32.80	1.71	2.28	.47	2.44	.....	2.36	100
434	37	59.66	31.06	1.19	2.30	.47	3.49	.....	1.80	100
435	78	45.25	43.13	.....	.....	.....	11.62	.....	.....	100
436	78	48.27	42.70	.....	.....	.....	9.03	.....	.....	100
437	21	60.41	29.60	1.54	2.04	.12	3.86	.46	1.97	100
438	78	59.42	33.82	.....	.....	.....	6.76	.....	.....	100
439	36	58.28	32.40	1.71	2.29	.48	2.46	.....	2.38	100
440	37	62.00	29.10	1.19	2.22	.45	3.32	.....	1.72	100
441	37	59.60	31.18	1.16	2.30	.47	3.48	.....	1.81	100
442	7	52.11	30.81	2.32	.98	.31	10.31	.68	2.48	100
443	1	50.69	32.84	2.04	2.04	.36	10.81	.....	1.22	100
444	26	50.88	29.37	1.28	1.81	.23	14.72	.48	1.23	100
445	1	51.04	33.07	2.05	2.06	.36	10.19	.....	1.23	100
446	21	54.79	26.84	1.39	1.85	.11	12.81	.42	1.79	100
447	7	52.07	30.79	2.31	.98	.31	10.38	.68	2.48	100
448	26	49.80	30.68	1.25	1.77	.23	14.60	.47	1.20	100
449	21	55.23	27.06	1.41	1.86	.11	12.11	.42	1.80	100
450	7	52.19	30.86	2.32	.99	.31	10.16	.68	2.49	100
451	26	50.78	29.58	1.28	1.81	.23	14.61	.48	1.23	100
452	21	54.64	26.77	1.39	1.84	.11	13.05	.42	1.78	100
453	21	55.35	27.12	1.41	1.86	.11	11.92	.42	1.81	100
454	21	55.96	27.42	1.42	1.88	.11	10.96	.42	1.83	100
455	21	55.53	27.20	1.41	1.87	.11	11.65	.42	1.81	100
456	21	55.95	27.41	1.42	1.89	.11	10.97	.42	1.83	100
457	99	79.18	13.65	.46	.46	.....	5.79	.....	.46	100
458	99	78.14	14.39	.50	.50	.....	5.97	.....	.50	100
459	99	81.22	12.23	.39	.39	.....	5.33	.....	.44	100
460	28	69.13	21.61	1.26	1.66	.11	5.24	.....	.99	100
461	65	56.99	30.17	1.56	4.04	.....	4.46	.....	2.78	100
462	65	56.88	30.25	1.56	4.05	.....	4.48	.....	2.78	100
463	69	65.18	23.96	3.00	1.07	.12	4.87	1.54	.26	100
464	68	65.09	25.04	2.19	.69	.15	4.27	2.27	.30	100
465	40	66.59	21.26	3.19	3.26	.....	4.28	.....	1.42	100
466	90	74.02	17.46	1.49	1.03	.05	2.93	.88	2.14	100
467	45	68.03	19.62	2.28	1.10	.16	4.46	.89	3.46	100
468	62	73.76	17.59	1.84	1.15	.23	4.82	.....	.61	100
469	28	69.38	21.33	1.27	1.67	.11	5.25	.....	.99	100

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—PER CENT. OF EACH ELEMENT OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain. This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.
					Fuel and lighting.	Oil.	Other.			
470	66	33.45	46.13	3.43	6.76	.....	7.18	.....	3.05	100
471	66	46.28	37.23	2.77	5.45	.....	5.80	.....	2.47	100
472	91	56.13	31.16	3.00	3.43	.50	5.07	.....	.71	100
473	42	64.87	23.77	3.02	2.30	.37	5.21	.....	.46	100
474	46	66.73	22.06	2.20	.90	.09	2.31	1.61	4.10	100
475	49	68.25	24.13	1.02	3.65	.....	2.95	.....	.....	100
476	50	66.43	22.32	2.58	2.41	.....	4.42	.....	1.84	100
477	51	63.76	25.67	2.63	3.11	.....	4.37	.....	.46	100
478	69	65.06	24.05	3.01	1.07	.12	4.89	1.54	.26	100
479	46	66.72	22.07	2.20	.90	.09	2.31	1.61	4.10	100
480	49	71.54	21.63	.92	3.27	.....	2.64	.....	.....	100
481	50	68.30	21.08	2.43	2.27	.....	4.18	.....	1.74	100
482	69	64.94	24.13	3.02	1.08	.12	4.90	1.55	.26	100
483	40	66.59	21.26	3.19	3.26	.....	4.28	.....	1.42	100
484	65	63.06	25.91	1.34	3.47	.....	3.84	.....	2.38	100
485	65	64.09	25.19	1.30	3.37	.....	3.73	.....	2.32	100
486	42	69.05	20.95	2.66	2.02	.33	4.59	.....	.40	100
487	49	74.55	19.34	.82	2.92	.....	2.37	.....	.....	100
488	45	68.04	19.61	2.28	1.10	.16	4.46	.89	3.46	100
489	90	74.24	17.05	1.52	1.06	.05	2.90	.90	2.28	100
490	28	69.53	21.16	1.27	1.67	.11	5.27	.....	.99	100
491	39	69.08	21.46	2.67	1.84	.17	3.62	.....	1.16	100
492	52	66.22	20.97	4.65	2.26	.....	5.42	.....	.48	100
493	52	66.24	20.96	4.65	2.26	.....	5.41	.....	.48	100
494	52	66.24	20.96	4.65	2.26	.....	5.41	.....	.48	100
495	62	73.77	17.59	1.84	1.15	.22	4.82	.....	.61	100
496	51	63.76	25.68	2.62	3.11	.....	4.37	.....	.46	100
497	23	61.13	28.09	.94	2.08	.15	6.10	.....	1.51	100
498	51	63.76	25.67	2.63	3.11	.....	4.37	.....	.46	100
499	46	66.67	22.10	2.20	.90	.09	2.32	1.61	4.11	100
500	46	66.71	22.07	2.20	.90	.09	2.31	1.61	4.11	100
501	51	63.76	25.67	2.63	3.11	.....	4.37	.....	.46	100
502	46	66.73	22.06	2.20	.90	.09	2.31	1.61	4.10	100
503	92	77.68	18.10	.66	1.65	.....	1.75	.....	.16	100
504	92	72.15	22.59	.82	2.05	.....	2.18	.....	.21	100
505	92	75.89	19.56	.71	1.77	.....	1.89	.....	.18	100
506	92	64.47	28.82	1.05	2.62	.....	2.78	.....	.26	100
507	92	67.61	26.27	.95	2.39	.....	2.54	.....	.24	100
508	92	75.18	20.14	.73	1.83	.....	1.94	.....	.18	100
509	92	74.04	21.06	.77	1.91	.....	2.03	.....	.19	100
510	92	72.40	22.41	.81	2.03	.....	2.14	.....	.21	100
511	92	72.64	22.19	.81	2.02	.....	2.14	.....	.20	100
512	92	83.10	13.71	.50	1.24	.....	1.32	.....	.13	100
513	32	49.92	37.56	1.49	1.50	.15	2.73	4.12	2.53	100
514	6	62.86	26.58	1.83	1.00	.26	4.23	1.07	2.17	100
515	6	60.86	28.02	1.93	1.05	.28	4.45	1.13	2.28	100
516	90	74.66	16.67	1.49	1.03	.05	2.94	.88	2.28	100
517	99	62.59	23.47	.59	.66	.....	11.90	.....	.79	100
518	96	60.59	31.05	.....	.....	.....	8.36	.....	.....	100
519	75	61.66	31.38	1.00	2.47	.47	2.70	.....	.32	100
520	91	63.13	24.22	2.42	3.63	.53	5.31	.....	.76	100
521	72	74.29	23.53	.75	.81	.16	.30	.....	.16	100
522	22	59.33	33.16	.77	2.96	.16	1.60	.....	2.02	100
523	72	85.77	12.34	.65	.70	.14	.26	.....	.14	100
524	78	50.41	39.34	.....	.....	.....	10.25	.....	.....	100
525	22	66.78	27.09	.63	2.42	.13	1.30	.....	1.65	100
526	87	52.46	37.17	2.34	2.82	.24	3.53	.....	1.44	100
527	7	52.09	30.81	2.31	.98	.31	10.33	.68	2.49	100
528	26	50.00	30.33	1.26	1.78	.23	14.72	.47	1.21	100
529	26	49.89	31.28	1.26	1.77	.22	13.90	.47	1.21	100
530	73	80.47	16.62	.47	.83	.14	1.41	.....	.06	100
531	74	75.87	19.84	.76	.63	.07	2.11	.....	.72	100
532	94	64.33	35.67	.....	.....	.....	.....	.....	.....	100
533	66	54.70	32.27	2.19	4.31	.....	4.58	.....	1.95	100
534	76	68.33	22.83	.34	.60	.04	7.56	.....	.30	100
535	76	73.87	19.17	.27	.47	.03	5.95	.....	.24	100
536	86	73.33	23.55	1.21	.63	.....	.52	.....	.76	100

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—PER CENT. OF EACH ELEMENT OF COST IN ONE YARD—Concluded.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain. This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.
					Fuel and lighting.	Oil.	Other.			
537	83	66.66	29.80	1.65	.58	.12	.99	.....	.20	100
538	66	55.60	31.66	2.14	4.21	.....	4.48	.....	1.91	100
539	66	55.90	31.45	2.13	4.18	.....	4.45	.....	1.89	100
540	66	56.70	30.91	2.08	4.10	.....	4.36	.....	1.85	100
541	66	58.63	29.60	1.98	3.89	.....	4.14	.....	1.76	100
542	92	87.17	10.40	.38	.95	.....	1.01	.....	.09	100
543	92	90.39	7.80	.28	.71	.....	.75	.....	.07	100
544	92	77.59	18.18	.66	1.65	.....	1.75	.....	.17	100
545	7	56.51	33.42	2.51	1.06	.34	2.72	.74	2.70	100
546	92	77.57	18.20	.66	1.65	.....	1.75	.....	.17	100
547	92	76.96	18.69	.68	1.70	.....	1.80	.....	.17	100
548	92	81.29	15.17	.55	1.38	.....	1.47	.....	.14	100
549	92	72.81	22.06	.80	2.00	.....	2.13	.....	.20	100
550	92	72.27	22.49	.82	2.04	.....	2.17	.....	.21	100
551	92	72.20	22.92	.76	1.90	.....	2.03	.....	.19	100
552	92	71.98	22.73	.83	2.06	.....	2.19	.....	.21	100
553	92	81.65	14.88	.54	1.35	.....	1.44	.....	.14	100
554	92	79.74	16.44	.60	1.49	.....	1.58	.....	.15	100
555	92	77.38	18.34	.67	1.67	.....	1.77	.....	.17	100
556	92	66.88	26.87	.98	2.44	.....	2.59	.....	.24	100
557	92	69.69	24.59	.89	2.23	.....	2.38	.....	.22	100
558	92	80.51	15.81	.57	1.44	.....	1.53	.....	.14	100
559	5	49.16	37.88	2.05	4.83	.46	4.90	.....	.72	100
560	99	71.54	18.02	.70	.78	.....	8.18	.....	.78	100
561	99	79.89	12.74	.40	.40	.....	6.13	.....	.44	100
562	92	70.25	24.13	.88	2.19	.....	2.33	.....	.22	100
563	7	56.51	33.42	2.51	1.07	.34	2.72	.74	2.69	100
564	92	70.25	24.13	.88	2.19	.....	2.33	.....	.22	100
565	92	66.71	27.00	.98	2.45	.....	2.61	.....	.25	100
566	6	51.34	34.83	2.40	1.31	.34	5.54	1.40	2.84	100
567	87	50.05	39.28	2.40	2.90	.25	3.66	.....	1.46	100
568	87	47.06	41.71	2.53	3.05	.26	3.83	.....	1.56	100
569	87	50.28	38.02	2.63	3.18	.27	3.99	.....	1.63	100
570	80	52.46	35.68	2.88	1.57	.....	5.76	.....	1.65	100
571	77	48.88	41.90	.56	3.35	.....	3.63	.....	1.68	100
572	77	44.03	46.10	.39	2.37	.....	5.53	.....	1.58	100
573	96	62.67	27.25	.....	.....	.....	10.08	.....	.....	100
574	92	83.62	13.29	.48	1.21	.....	1.28	.....	.12	100
575	92	86.69	10.80	.39	.98	.....	1.04	.....	.10	100
576	92	88.40	9.42	.34	.85	.....	.91	.....	.08	100
577	92	82.60	14.12	.51	1.28	.....	1.36	.....	.13	100
578	92	88.32	9.47	.34	.86	.....	.92	.....	.09	100
579	92	86.13	11.25	.41	1.02	.....	1.09	.....	.10	100
580	92	86.84	10.68	.38	.97	.....	1.03	.....	.10	100
581	92	84.34	12.70	.46	1.15	.....	1.23	.....	.12	100
582	92	88.60	9.25	.34	.84	.....	.89	.....	.08	100

TABLE I.—COST OF PRODUCTION OF COTTON TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

N.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE YARD.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.]

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	68	$0.000482	$0.001770		$0.002252
2	43	.000606	.002423	$0.003878	.006907
3	96	(a)	(a)		
4	19	.000994			.000994
5	80	.000390			.000390
6	57	.000147			.000147
7	47	.000409			.000409
8	47	.000452			.000452
9	67	.000310			.000310
10	64	.000503	.004217		.004720
11	13	.000091			.000091
12	92	.000058	.000611	.000370	.001039
13	91	.000129	(b)	b .001931	.002060
14	92	.000058	.000611	.000370	.001039
15	92	.000071	.000759	.000461	.001291
16	92	.000068	.000714	.000434	.001216
17	92	.000077	.000815	.000495	.001387
18	91	.000211	(b)	b .002614	.002825
19	92	.000078	.000827	.000503	.001408
20	92	.000062	.000658	.000399	.001119
21	92	.000073	.000770	.000468	.001311
22	92	.000060	.000634	.000386	.001080
23	92	.000120	.001269	.000771	.002160
24	92	.000171	.001811	.001101	.003083
25	92	.000112	.001189	.000723	.002024
26	92	.000078	.000827	.000503	.001408
27	92	.000097	.001032	.000626	.001755
28	92	.000106	.001121	.000681	.001908
29	92	.000174	.001834	.001116	.003124
30	92	.000065	000681	.000414	.001160
31	92	.000162	.001710	.001039	.002911
32	92	.000168	.001778	.001081	.003027
33	92	.000219	.002321	.001411	.003951
34	92	.000109	.001156	.000703	.001968
35	92	.000133	.001404	.000854	.002391
36	85	.000354	.000449	.000469	.001272
37	85	.000368	.000467	.000488	.001323
38	79	.000230	.002750	.002000	.004980
39	47	.000643			.000643
40	85	.000123	.000156	.000163	.000442
41	85	.000128	.000163	.000170	.000461
42	57	.000128			.000128
43	58	.000240			.000240
44	59	.000192			.000192
45	64	.000423	.003543		.003966
46	49	.000554	.001418		.001972
47	49	.000603	.001543		.002146
48	27	.000143			.000143
49	27	.000175			.000175
50	27	.000176			.000176
51	27	.000172			.000172
52	27	.000188			.000188
53	27	.000196			.000196
54	27	.000194			.000194
55	27	.000220			.000220
56	27	.000226			.000226
57	27	.000249			.000249
58	27	.000152			.000152
59	99		(c)		
60	76	.000069			.000069
61	63	.000597	.002891		.003488
62	63	.000595	.002880		.003475
63	50	.000250	.002765		.003015
64	70	.000998	.000443		.001441
65	61	.000457			.000457
66	62	.000286			.000286
67	67	.000376			.000376
68	60	.000227			.000227

a The expenditures for insurance and interest are inseparably combined with those for other supplies and repairs.
b The expenditures for interest and the amount of depreciation are inseparably combined.
c The expenditures for interest are inseparably combined with those for other supplies and repairs.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

N.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE YARD—Cont'd.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.]

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
69	12	$0.000774	$0.003443		$0.004217
70	60	.000294			.000294
71	65	.000800	.003289		.004089
72	10	.000168			.000168
73	22	.000062			.000062
74	23	.000116	(a)	(a)	b .000116
75	64	.000249	.002088		.002337
76	11	.000241			.000241
77	6	.000216			.000216
78	42	.000706	.001082		.001788
79	61	.000381			.000381
80	69	.000756			.000756
81	49	.000611	.001563		.002174
82	46	.000445	.003716	$0.002784	.006945
83	60	.000229			.000229
84	65	.000798	.003281		.004079
85	51	.000735	.002775		.003510
86	50	.000288	.003186		.003474
87	63	.000719	.003482		.004201
88	42	.000723	.001108		.001831
89	44	.000391	(a)	(a)	b .000391
90	45	.000553	.001265	(a)	c .001818
91	49	.000540	.001380		.001920
92	60	.000252			.000252
93	90	.000420	.000960	(a)	c .001380
94	65	.000822	.003380		.004202
95	49	.000529	.001352		.001881
96	27	.000153			.000153
97	70	.001167	.000518		.001685
98	39	.000527	.000893		.001420
99	47	.000502			.000502
100	61	.000529			.000529
101	11	.000246			.000246
102	40	.000192	.000788		.000980
103	91	.000188	(d)	d .001902	.002090
104	62	.000316			.000316
105	92	.000075	.000791	.000482	.001348
106	52	.001020	.000913		.001933
107	92	.000146	.001551	.000942	.002639
108	92	.000049	.000521	.000318	.000888
109	11	.000268			.000268
110	42	.000635	.000974		.001609
111	9	.000487			.000487
112	70	.001091	.000484		.001575
113	49	.000641	.001642		.002283
114	90	.000451	.001020	(a)	c .001471
115	44	.000469	(a)	(a)	b .000469
116	45	.000686	.001568	(a)	c .002254
117	60	.000314			.000314
118	61	.000627			.000627
119	44	.000533	(a)	(a)	b .000533
120	47	.000561			.000561
121	47	.000620			.000620
122	30	.000226	.000227	.002543	.002996
123	4	.000233			.000233
124	47	.000731			.000731
125	47	.000786			.000786
126	70	.000916	.000407		.001323
127	70	.001127	.000500		.001627
128	70	.000905	.000401		.001306
129	10	.000222			.000222
130	70	.001029	.000456		.001485
131	12	.001103	.004906		.006009
132	13	.000199			.000199
133	47	.000358			.000358
134	13	.000249			.000249
135	12	.001103	.004906		.006009
136	47	.000725			.000725

a Not reported.
b Not including interest and depreciation.
c Not including depreciation.
d The expenditures for interest and the amount of depreciation are inseparably combined.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

N.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE YARD—Cont'd.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71 and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.]

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
137	49	$0.000570	$0.001460		$0.002030
138	13	.000280			.000280
139	70	.001558	.000691		.002249
140	47	.000882			.000882
141	70	.001667	.000739		.002406
142	47	.000981			.000981
143	47	.001095			.001095
144	27	.000144			.000144
145	27	.000151			.000151
146	27	.000155			.000155
147	27	.000197			.000197
148	27	.000166			.000166
149	27	.000158			.000158
150	27	.000170			.000170
151	27	.000166			.000166
152	27	.000176			.000176
153	27	.000182			.000182
154	27	.000189			.000189
155	27	.000248			.000248
156	27	.000200			.000200
157	27	.000186			.000186
158	27	.000304			.000304
159	27	.000275			.000275
160	27	.000203			.000203
161	27	.000257			.000257
162	66	.000573	.003564		.004137
163	94	(*a*)		(*a*)	
164	83	.000096	.001146	(*b*)	*c* .001242
165	79	.000230	.002750	$0.002000	.004980
166	8	.000127	.004416		.004543
167	66	.000626	.003894		.004520
168	94	(*a*)		(*a*)	
169	77	.000200			.000200
170	77	.000200			.000200
171	96	(*d*)	(*d*)		
172	82	.000972	.000865		.001837
173	85	.000307	.000390	.000407	.001104
174	80	.000200			.000200
175	66	.000641	.003991		.004632
176	66	.000682	.004242		.004924
177	66	.000877	.005456		.006333
178	99	(*e*)	(*f*)		
179	30	.000183	.000185	.002064	.002432
180	41	.000759	*g* .000493		*g* .001252
181	52	.000515	.000460		.000975
182	52	.000534	.000477		.001011
183	41	.000923	*h* .000607		*h* .001540
184	52	.000603	.000540		.001143
185	52	.000606	.000542		.001148
186	49	.000336	.000859		.001195
187	52	.000604	.000540		.001144
188	66	.000564	.003510		.004074
189	41	.000865	*i* .000563		*i* .001428
190	13	.000134			.000134
191	38	.000242	(*b*)	(*b*)	*j* .000242
192	78	(*k*)			
193	92	.000230	.002424	.001473	.001127

a The expenditures for insurance and the amount of depreciation are inseparably combined with the cost for labor.
b Not reported.
c Not including depreciation.
d The expenditures for insurance and interest are inseparably combined with those for other supplies and repairs.
e The expenditures for insurance are inseparably combined with those for taxes.
f The expenditures for interest are inseparably combined with those for other supplies and repairs.
g Including $0.000195 for rent.
h Including $0.000240 for rent.
i Including $0.000223 for rent.
j Not including interest and depreciation.
k The expenditures for insurance are inseparably combined with those for other supplies and repairs.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

N.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE YARD—Cont'd.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.]

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
194	92	$0.000210	$0.002208	$0 001342	$0.003760
195	92	.000176	.001858	.001129	.003163
196	92	.000278	.002934	.001783	.004995
197	92	.000213	.002252	.001370	.003835
198	92	.000281	.002966	.001804	.005051
199	92	.000336	.003544	.002154	.006034
200	92	.000242	.002560	.001557	.004359
201	92	.000199	.002095	.001274	.003568
202	93	(a)			
203	66	.000452	.002814		.003266
204	64	.000248	.002080		.002328
205	56	.000151			.000151
206	64	.000298	.002495		.002793
207	47	.000330			.000330
208	84	.000200	.002400	.001200	.003800
209	66	.000432	.002690		.003122
210	67	.000246			.000246
211	66	.000677	.004210		.004887
212	66	.000714	.004444		.005158
213	47	.000377			.000377
214	55	.000315			.000315
215	53	.000118			.000118
216	33	.000127			.000127
217	31	.000126			.000126
218	81	.000150	.000375	(b)	c .000525
219	14	.000129	.000737		.000866
220	20	.000136	.000189		.000325
221	2	.000166			.000166
222	15	.000159	.000576	(b)	c .000735
223	16	.000127			.000127
224	17	.000384			.000384
225	18	.000107			.000107
226	34	.000149			.000149
227	30	.000116	.000117	.001308	.001541
228	29	.000162			.000162
229	25	.000146		.000187	.000633
230	25	.000147		.000489	.000636
231	25	.000141		.000470	.000611
232	24	.000063	(b)	(b)	d .000063
233	71	(e)	f .000762	f .000544	g .001306
234	93	(a)			
235	25	.000239		.000798	.001037
236	95	(h)	(h)		
237	72	.000023		i .000290	.000313
238	26	.000193	j .000191		k .000384
239	30	.000181	.000183	.002046	.002410
240	25	.000207		.000691	.000898
241	96	(h)	(h)		
242	71	(e)	f .000870	f .000653	g .001523
243	2	.000225			.000225
244	2	.000261			.000261
245	71	(e)	f .001415	f .001088	g .002503
246	30	.000152	.000153	.001716	.002021
247	76	.000072			.000072
248	92	.000146	.001541	.000937	.002624
249	30	.000184	.000185	.002074	.002443

a The expenditures for insurance are inseparably combined with those for other supplies and repairs.
b Not reported.
c Not including depreciation.
d Not including interest and depreciation.
e The expenditures for insurance are inseparably combined with those for other supplies and repairs, see note *f*, page 83.
f The total expenditures for interest and the amount of depreciation were not reported, and are not shown in that portion of the tabulation relating to the establishment as a whole, page 35; but they were reported in the unit costs as above.
g Not including insurance.
h The expenditures for insurance and interest are inseparably combined with those for other supplies and repairs.
i The total amount of depreciation was not reported, and is not shown in that portion of the tabulation relating to the establishment as a whole, page 35; but the amount in the unit costs was reported as above.
j Rent.
k Including rent.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

N.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE YARD—Cont'd.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.]

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
250	80	$0.000350			$0.000350
251	80	.000280			.000280
252	97	(a)	(b)		
253	98	(c)	(c)		
254	92	.000168	$0.001778	$0.001081	.003027
255	92	.000129	.001369	.000833	.002331
256	92	.000145	.001530	.000929	.002604
257	92	.000230	.002424	.001473	.004127
258	92	.000178	.001879	.001142	.003199
259	92	.000105	.001109	.000674	.001888
260	92	.000214	.002265	.001376	.003855
261	92	.000099	.001043	.000634	.001776
262	92	.000072	.000759	.000461	.001292
263	27	.000342			.000342
264	88	.001147			.001147
265	87	.000977			.000977
266	88	.000890			.000890
267	80	.000420			.000420
268	80	.000350			.000350
269	92	.000090	.000951	.000578	.001619
270	83	.000643			.000643
271	77	.000700			.000700
272	92	.000303	.003204	.001947	.005454
273	92	.000231	.002436	.001480	.004147
274	5	.000221			.000221
275	11	.000169			.000169
276	16	.000071			.000071
277	16	.000089			.000089
278	11	.000208			.000208
279	11	.000217			.000217
280	60	.000171			.000171
281	16	.000098			.000098
282	65	.000638	.002623		.003261
283	48	.000352	.000771		.001123
284	47	.000368			.000368
285	65	.000640	.002633		.003273
286	68	.000535	.001967		.002502
287	60	.000187			.000187
288	60	.000210			.000210
289	61	.000420			.000420
290	60	.000210			.000210
291	63	.000593	.002872		.003465
292	30	.000195	.000196	.002198	.002589
293	11	.000223			.000223
294	16	.000146			.000146
295	68	.000634	.002329		.002963
296	11	.000222			.000222
297	91	.000169	(d)	d. 001825	.001994
298	65	.000794	.003264		.004058
299	65	.000782	.003217		.003999
300	66	.000850	.005286		.006136
301	66	.000851	.005291		.006142
302	23	.000127	(e)	(e)	f. 000127
303	27	.000171			.000171
304	68	.000606	.002223		.002829
305	16	.000053			.000053
306	16	.000063			.000063
307	16	.000073			.000073
308	16	.000083			.000083
309	11	.000233			.000233
310	49	.000525	.001345		.001870
311	49	.000545	.001394		.001939
312	64	.000423	.003546		.003969
313	49	.000563	.001439		.002002
314	57	.000167			.000167
315	48	.000443	.000970		.001413

a The expenditures for insurance are inseparably combined with those for taxes.
b The expenditures for interest are inseparably combined with those for other supplies and repairs.
c The expenditures for insurance and interest are inseparably combined with those for other supplies and repairs.
d The expenditures for interest and the amount of depreciation are inseparably combined.
e Not reported.
f Not including interest and depreciation.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

N.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE YARD—Cont'd.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.]

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
316	21	$0.000142	(a)	(a)	b $0.000142
317	46	.000321	$0.002678	$0.002006	.005005
318	89	.000370	.....	.....	.000370
319	4	.000203	.....	.....	.000203
320	65	.000778	.003199	.....	.003977
321	49	.000493	.001261	.....	.001754
322	66	.000852	.005300	.....	.006152
323	66	.000854	.005313	.....	.006167
324	64	.000555	.004653	.....	.005208
325	49	.000521	.001333	.....	.001854
326	46	.000372	.003107	.002327	.005806
327	69	.000679	.....	.....	.000679
328	21	.000124	(a)	(a)	b .000124
329	23	.000123	(a)	(a)	b .000123
330	40	.000198	.000812	.....	.001010
331	42	.000715	.001095	.....	.001810
332	46	.000391	.003266	.002446	.006103
333	48	.000523	.001145	.....	.001668
334	49	.000555	.001419	.....	.001974
335	49	.000774	.001979	.....	.002753
336	51	.000625	.002359	.....	.002984
337	64	.000585	.004902	.....	.005487
338	65	.000764	.003143	.....	.003907
339	68	.000602	.002213	.....	.002815
340	69	.000708	.....	.....	.000708
341	1	.000590	.....	.....	.000590
342	49	.000575	.001471	.....	.002046
343	42	.000598	.000917	.....	.001515
344	69	.000774	.....	.....	.000774
345	50	.000359	.003971	.....	.004330
346	54	.000165	.....	.....	.000165
347	60	.000230	.....	.....	.000230
348	21	.000149	(a)	(a)	b .000149
349	22	.000080	.....	.....	.000080
350	27	.000209	.....	.....	.000209
351	64	.000476	.003986	.....	.004462
352	21	.000111	(a)	(a)	b .000111
353	50	.000291	.003215	.....	.003506
354	54	.000178	.....	.....	.000178
355	40	.000198	.000814	.....	.001012
356	52	.000860	.000769	.....	.001629
357	47	.000460	.....	.....	.000460
358	61	.000463	.....	.....	.000463
359	39	.000509	.000863	.....	.001372
360	42	.000655	.001004	.....	.001659
361	63	.000638	.003090	.....	.003728
362	60	.000215	.....	.....	.000215
363	60	.000252	.....	.....	.000252
364	47	.000422	.....	.....	.000422
365	67	.000345	.....	.....	.000345
366	61	.000491	.....	.....	.000491
367	65	.000785	.003228	.....	.004013
368	21	.000120	(a)	(a)	b .000120
369	44	.000391	(a)	(a)	b .000391
370	45	.000553	.001265	(a)	c .001818
371	49	.000541	.001386	.....	.001927
372	52	.000945	.000846	.....	.001791
373	62	.000306	.....	.....	.000306
374	63	.000692	.003350	.....	.004042
375	60	.000232	.....	.....	.000232
376	70	.001091	.000484	.....	.001575
377	12	.000809	.003600	.....	.004409
378	23	.000112	(a)	(a)	b .000112
379	28	.000308	.000318	.001754	.002380
380	46	.000318	.002655	.001989	.004962
381	63	.000701	.003390	.....	.004091
382	65	.000790	.003249	.....	.004039
383	70	.001160	.000514	.....	.001674

a Not reported.
b Not including interest and depreciation.
c Not including depreciation.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

N.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE YARD—Cont'd.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.]

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
384	21	$0.000108	(a)	(a)	b $0.000108
385	70	.001223	$0.000543		.001766
386	35	.000108			.000108
387	49	.000554	.001416		.001970
388	21	.000156	(a)	(a)	b .000156
389	16	.000173			.000173
390	6	.000363			.000363
391	21	.000153	(a)	(a)	b .000153
392	54	.000262			.000262
393	27	.000204	.001127		.001331
394	44	.000451	(a)	(a)	b .000451
395	5	.000446			.000446
396	5	.000456			.000456
397	54	.000099			.000099
398	4	.000236			.000236
399	3	.000277	.002771		.003048
400	21	.000166	(a)	(a)	b .000166
401	47	.000613			.000613
402	6	.000404			.000404
403	36	.000219	.003816		.004035
404	22	.000098			.000098
405	28	.000344	.000355	$0.001961	.002660
406	47	.000523			.000523
407	54	.000207			.000207
408	6	.000392			.000392
409	54	.000178			.000178
410	4	.000261			.000261
411	54	.000311			.000311
412	36	.000190	.003011		.003201
413	21	.000209	(a)	(a)	b .000209
414	5	.000274			.000274
415	92	.000157	.001666	.001012	.002835
416	4	.000279			.000279
417	36	.000180	.003205		.003385
418	37	.000229	.001271		.001500
419	28	.000408	.000421	.002326	.003155
420	47	.000646			.000646
421	92	.000123	.001292	.000784	.002199
422	21	.000248	(a)	(a)	b .000248
423	36	.000229	.003919		.004148
424	37	.000277	.001536		.001813
425	92	.000219	.002309	.001403	.003931
426	21	.000290	(a)	(a)	b .000290
427	36	.000265	.004539		.004804
428	92	.000171	.001802	.001095	.003068
429	21	.000331	(a)	(a)	b .000331
430	36	.000298	.005219		.005517
431	37	.000375	.002074		.002449
432	21	.000369	(a)	(a)	b .000369
433	36	.000331	.005807		.006138
434	37	.000412	.002277		.002689
435	78	(c)			
436	78	(c)			
437	21	.000414	(a)	(a)	b .000414
438	78	(c)			
439	36	.000373	.006506		.006879
440	37	.000440	.002429		.002869
441	37	.000514	.002878		.003392
442	7	.000492			.000492
443	1	.000667			.000667
444	26	.000283	d .000281		e .000564
445	1	.000738			.000738
446	21	.000204	(a)	(a)	b .000204
447	7	.000552			.000552
448	26	.000312	d .000309		e .000621
449	21	.000223	(a)	(a)	b .000223
450	7	.000607			.000607
451	26	.000350	d .000347		e .000697

a Not reported.
b Not including interest and depreciation.
c The expenditures for insurance are inseparably combined with those for other supplies and repairs.
d Rent.
e Including rent.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

N.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE YARD—Cont'd.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.[

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
452	21	$0.000264	(a)	(a)	b $0.000264
453	21	.000305	(a)	(a)	b .000305
454	21	.000350	(a)	(a)	b .000350
455	21	.000396	(a)	(a)	b .000396
456	21	.000437	(a)	(a)	b .000437
457	99	(c)	(d)		
458	99	(c)	(d)		
459	99	(c)	(d)		
460	28	.000161	$0.000166	$0.000917	.001244
461	65	.000516	.002125		.002641
462	65	.000562	.002310		.002872
463	69	.000542			.000542
464	68	.000473	.001735		.002208
465	40	.000145	.000596		.000741
466	90	.000271	.000571	(a)	e .000842
467	45	.000359	.000821	(a)	e .001180
468	62	.000200			.000200
469	28	.000195	.000201	.001111	.001507
470	66	.000803	.004996		.005799
471	66	.000518	.003220		.003738
472	91	.000168	(f)	f .002485	.002653
473	42	.000570	.000874		.001444
474	46	.000313	.002611	.001956	.004880
475	49	.000443	.001133		.001576
476	50	.000212	.002345		.002557
477	51	.000500	.001887		.002387
478	69	.000567			.000567
479	46	.000323	.002693	.002017	.005033
480	49	.000421	.001076		.001497
481	50	.000217	.002393		.002610
482	69	.000640			.000640
483	40	.000170	.000701		.000871
484	65	.000634	.002609		.003243
485	65	.000636	.002618		.003254
486	42	.000590	.000905		.001495
487	49	.000433	.001108		.001541
488	45	.000461	.001054	(a)	e .001515
489	90	.000345	.000803	(a)	e .001148
490	28	.000257	.000266	.001466	.001989
491	39	.000413	.000702		.001115
492	52	.000727	.000651		.001378
493	52	.000777	.000695		.001472
494	52	.000799	.000714		.001513
495	62	.000255			.000255
496	51	.000435	.001641		.002076
497	23	.000109	(a)	(a)	b .000109
498	51	.000443	.001670		.002113
499	46	.000261	.002182	.001634	.004077
500	46	.000290	.002420	.001813	.004523
501	51	.000463	.001747		.002210
502	46	.000296	.002473	.001852	.004621
503	92	.000068	.000714	.000434	.001216
504	92	.000125	.001325	.000805	.002255
505	92	.000082	.000871	.000530	.001483
506	92	.000237	.002501	.001521	.004259
507	92	.000216	.002288	.001391	.003895
508	92	.000101	.001076	.000654	.001831
509	92	.000112	.001189	.000723	.002024
510	92	.000132	.001393	.000846	.002371
511	92	.000155	.001643	.000998	.002796
512	92	.000089	.000940	.000571	.001600
513	32	.000227			.000227
514	6	.000290			.000290
515	6	.000364			.000364
516	90	.000420	.000960	(a)	e .001380

a Not reported.
b Not including interest and depreciation.
c The expenditures for insurance are inseparably combined with those for taxes.
d The expenditures for interest are inseparably combined with those for other supplies and repairs.
e Not including depreciation.
f The expenditures for interest and the amount of depreciation are inseparably combined.

TABLE I.—COST OF PRODUCTION OF COTTON TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

N.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE YARD—Cont'd.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71 and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.]

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
517	99	(a)	(b)		
518	96	(c)	(c)		
519	75	$0.000137	$0.001170	$0.000825	$0.002132
520	91	.000181	(d)	d .002125	.002306
521	72	.000032		e .000389	.000421
522	22	.000110			.000110
523	72	.000035		e .000427	.000462
524	73	(f)			
525	22	.000100			.000100
526	87	.000585			.000585
527	7	.000444			.000444
528	26	.000275	g .000273		h .000548
529	26	.000301	g .000298		h .000599
530	73	.000010	i .001077	.000384	i .001471
531	74	.000001	.000348	.000373	.000722
532	94	(j)		(j)	
533	66	.000931	.005789		.006720
534	76	.000072			.000072
535	76	.000072			.000072
536	86	.000590			.000590
537	83	.000096	.001146	(k)	l .001242
538	66	.000687	.004271		.004958
539	66	.000763	.004746		.005509
540	66	.000878	.005459		.006337
541	66	.001000	.006223		.007223
542	92	.000050	.000534	.000324	.000908
543	92	.000053	.000566	.000345	.000964
544	92	.000106	.001121	.000681	.001908
545	7	.000364			.000364
546	92	.000076	.000803	.000488	.001367
547	92	.000099	.001053	.000640	.001792
548	92	.000080	.000850	.000517	.001447
549	92	.000166	.001755	.001066	.002987
550	92	.000210	.002220	.001349	.003779
551	92	.000146	.001541	.000937	.002624
552	92	.000185	.001959	.001191	.003335
553	92	.000090	.000951	.000578	.001619
554	92	.000118	.001245	.000756	.002119
555	92	.000150	.001585	.000964	.002699
556	92	.000318	.003364	.002044	.005726
557	92	.000247	.002604	.001584	.004435
558	92	.000134	.001417	.000861	.002412
559	5	.000319			.000319
560	99	(a)	(b)		
561	99	(a)	(b)		
562	92	.000206	.002175	.001322	.003703
563	7	.000552			.000552
564	92	.000214	.002265	.001376	.003855
565	92	.000374	.003941	.002396	.006711
566	6	.000388			.000388
567	87	.000685			.000685
568	87	.000753			.000753
569	87	.000576			.000576
570	80	.000160			.000160
571	77	.000300			.000300

a The expenditures for insurance are inseparably combined with those for taxes.
b The expenditures for interest are inseparably combined with those for other supplies and repairs.
c The expenditures for insurance and interest are inseparably combined with those for other supplies and repairs.
d The expenditures for interest and the amount of depreciation are inseparably combined.
e The total amount of depreciation was not reported, and is not shown in that portion of the tabulation relating to the establishment as a whole, page 35; but the amount in the unit costs was reported as above.
f The expenditures for insurance are inseparably combined with those for other supplies and repairs.
g Rent.
h Including rent.
i Including $0.000047 for rent, and $0.000863 for discounts and commissions, which are inseparably combined.
j The expenditures for insurance and the amount of depreciation are inseparably combined with the cost for labor.
k Not reported.
l Not including depreciation.

TABLE I.—COST OF PRODUCTION OF **COTTON TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Concluded.

N.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE YARD—Conc'd.

[Establishments numbered 1 to 38, and 77 to 88 are in the northern district of the United States; those numbered 39 to 70, 89, and 90 are in the southern district of the United States; those numbered 71, and 91 to 93 are on the continent of Europe; and those numbered 72 to 76, and 94 to 99 are in Great Britain.]

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
572	77	$0.000400			$0.000400
573	96	(a)	(a)		
574	92	.000093	$0.000975	$0.000592	.001660
575	92	.000077	.000816	.000495	.001388
576	92	.000044	.000475	.000289	.000808
577	92	.000081	.000860	.000523	.001464
578	92	.000091	.000963	.000586	.001640
579	92	.000055	.000577	.000351	.000983
580	92	.000092	.000975	.000592	.001659
581	92	.000128	.001360	.000827	.002315
582	92	.000103	.001088	.000661	.001852

a The expenditures for insurance and interest are inseparably combined with those for other supplies and repairs.

COTTON YARNS.

COTTON YARNS.

The titles of the table and sub-tables relating to the cost of production of cotton yarns are as follows:

TABLE II.—*Cost of Production of Cotton Yarns at Various Establishments in Various States.*

A.—Period covered, preparatory operations, etc.
B.—Pertaining to spinners, spinning, etc.
C.—Cotton used and quantity of product.
D.—Cost of material and labor for the period.
E.—General statement of cost for the period.
F.—Additional cost of certain theoretical elements for the period.
G.—Description, cost of labor in one pound, etc.
H.—Elements of cost in one pound.
J.—Per cent. of each element of cost in one pound.
K.—Additional cost of certain theoretical elements in one pound.

These sub-tables, like those relating to cotton textiles, may be divided into two groups, the first of which, consisting of the sub-tables from A to F, presents facts relating to entire establishments, while the second group, comprising the sub-tables from G to K, relates to certain numbers of yarns produced by those establishments. The establishments covered by the first group are numbered consecutively, and the yarns which these establishments produced, covered by the second group, are also numbered consecutively, but with a different series of numbers. A column is provided in sub-table A which shows the serial number of each kind of yarn spun in each establishment, the facts concerning which are shown in the sub-tables from G to K; and in each sub-table in the second group is stated the serial number of the establishment, as given in the first group, producing each particular yarn.

The facts presented by the sub-tables from A to F are analogous to those shown in the sub-tables from A to G relating to cotton textiles, so far as the production of yarns is concerned.

Sub-table G describes each variety of yarn, of which the cost of production is given, together with kind of spinning apparatus in use in each case, and the production per spindle in one day of ten hours, the production in establishments running a number of hours per day other than ten having been reduced to that basis. This sub-table also gives in

detail the cost of labor per pound of yarn, and the total of such cost is carried forward to sub-table H, in which each element of cost is presented, except the theoretical elements—insurance, interest, and depreciation of value of plant—which are given in sub-table K.

The sub tables above mentioned in connection with sub-table J, showing the per cent. of each element of cost, give a complete presentation of facts concerning the production and cost of production of cotton yarns by the establishments from which information was secured, in their respective localities.

TABLE 11.—COST OF PRODUCTION OF COTTON YARNS AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES.

[The names of the states are omitted to prevent the identification of individual establishments, but the states covered and the number of establishments for each are as follows: In the northern district of the United States—Massachusetts, 4; Pennsylvania, 3. In the southern district of the United States—North Carolina, 3; South Carolina, 2. In continental Europe—France, 1; Germany, 2; Italy, 1; Switzerland, 2. In Great Britain, 13. In addition to the above, costs were obtained for certain individual products in one other establishment, numbered 32, located in Great Britain—see the prefatory note to sub-table G, page 132. The present and the five sub-tables which follow (A to F) relate to each establishment as a whole. These establishments are numbered serially, those of the same state being grouped together. For explanation of the product number see the prefatory note to sub-table G, in which and in the sub-tables that follow it becomes the serial number.]

A.—PERIOD COVERED, PREPARATORY OPERATIONS, ETC.

Establishment number.	Product numbers.	Locality.	Period covered.		Steam or water power.	Operations of—		Single or double carding.
			Terminal dates.	Days of running time.		Picking.	Roving.	
1	1	Northern district, United States.	July 1, 1887, to Oct. 1, 1888	384	Steam	3	3	Both.
2	3	do	Jan. 1, 1888, to Dec. 31, 1888	305	Steam	3	4	Double
a3	4, 33	do	July 1, 1889, to Dec. 31, 1889	153	Steam	4	3	Single.
a4	5, 34	do	July 1, 1889, to Dec. 31, 1889	153	Both	4	3	Single.
5	15	do	Nov. 1, 1889, to Apr. 30, 1890	155	Steam	2	4	Double
6	6, 30	do	May 1, 1890, to Nov. 1, 1890	138	Both (b)	2	4	Single.
7	7	do	May 1, 1889, to May 1, 1890	302	Steam	2	2	Single.
8	26	Southern district, United States.	Jan. 1, 1890, to Dec. 31, 1890	c 358	Steam	3	3	Single.
9	27	do	Jan. 1, 1890, to Dec. 31, 1890	300	Steam	3	2	Single.
10	28	do	July 1, 1890, to Dec. 31, 1890	150	Steam	2	3	Single.
11	8	do	Jan. 1, 1888, to Dec. 31, 1888	308	Both	2	3	Single.
12	2	do	Jan. 1, 1888, to Dec. 31, 1888	305	Both (b)	2	2	Single.
13	12, 31	Continent of Europe.	July 1, 1888, to Dec. 31, 1888	150	Steam	2	3	Single.
14	48	do	Jan. 1, 1888, to Dec. 31, 1888	302	Both	2	2	Both.
15	17, 32	do	July 1, 1888, to June 30, 1889	303	Steam	2	1	Single.
16	47	do	Jan. 1, 1888, to Dec. 31, 1888	298	Steam	3	3	Both.
17	24, 45	do	Jan. 1, 1888, to Dec. 31, 1888	300	Both (b)	2	d 4	Both.
18	49, 50	do	Jan. 1, 1888, to Dec. 31, 1888	303	Water (b)	2	3	Both.
19	10, 43	Great Britain	Dec. 26, 1889, to Mar. 31, 1890	75	Steam	4	3	Double
20	22	do	July 1, 1888, to Sept. 29, 1888	74	Steam	(e)	(e)	(e)
21	19, 42	do	Mar. 1, 1889, to May 31, 1889	77	Steam	3	3	Double
22	13	do	Oct. 1, 1888, to Dec. 31, 1888	69	Both (b)	3	3	Single.
23	20, 38	do	Oct. 1, 1888, to Dec. 31, 1888	67	Steam	3	3	Double
f24	16, 41	do	Sept. 3, 1890, to Sept. 8, 1890	6	Steam	4	3	Double
f25	40	do	Sept. 3, 1890, to Sept. 8, 1890	6	Steam	4	3	Double
f26	23, 39	do	Sept. 3, 1890, to Sept. 8, 1890	6	Steam	4	3	Double
27	21, 44	do	June 21, 1890, to June 26, 1890	6	Steam	3	3	Double
28	14, 35	do	Sept. 28, 1889, to Mar. 27, 1890	151	Steam	3	3	Single.
29	9, 29	do	May 27, 1889, to June 1, 1889	6	Steam	2	3	Single.
30	18, 36	do	July 22, 1889, to July 27, 1889	6	Steam	3	3	Single.
31	11, 37	do	Jan. 1, 1889, to June 30, 1889	144	Steam	3	3	Double

a Establishments numbered 3 and 4 are operated by the same company.
b The water power is owned by the establishment.
c Including night work.
d There are only two operations for yarns numbered from 45 to 70 inclusive, and four operations for finer numbers.
e Not reported.
f Establishments numbered 24, 25, and 26 are operated by the same company.

TABLE II.—COST OF PRODUCTION OF **COTTON YARNS** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

B.—PERTAINING TO SPINNERS, SPINNING, ETC.

[Establishments numbered 1 to 7 are in the northern district of the United States; those numbered 8 to 12 are in the southern district of the United States; those numbered 13 to 18 are on the continent of Europe; and those numbered 19 to 31 are in Great Britain.]

Establishment number.	Frame spinners clean, oil, and doff?	Mule spinners—			Spindles in operation.		
		Clean, oil, and doff?	Have piecers and back boys.		On frames.	On mules.	Total.
			Yes or no?	Paid by spinners?			
1		Yes	Yes	No		29,376	29,376
2	(a)	(a)	Back boys	(a)	23,931	12,800	36,731
3	(a)				37,623		37,623
4	(a)	(a)	Yes	(a)	44,424	36,253	80,677
5	No				7,104		7,104
6	Yes	Yes	Yes	No	8,928	4,800	13,728
7	Yes				11,280		11,280
8	Clean				4,992		4,992
9	Clean				6,864		6,864
10	Clean				11,616		11,616
11	No	No	Back boys	No	6,840	3,880	10,720
12	Clean				5,952		5,952
13	Yes	Yes	Yes	No	10,860	39,264	50,124
14	Yes	Yes	Yes	No	2,872	108,460	111,332
15	Yes	Yes	Yes	No	12,416	31,256	43,672
16	No	Yes	Yes	No	12,592	21,356	33,948
17		Yes	Yes (b)	No		22,536	22,536
18		No	Yes	No		50,380	50,380
19		Yes	Piecers	Yes		21,024	21,024
20		(a)	(a)	(a)		84,024	84,024
21		Yes	Yes	Yes		59,808	59,808
22	Yes	Yes	Yes	Yes	18,976	4,680	23,656
23		Yes	Yes	Yes		150,240	150,240
24	Yes	Yes	Yes	Yes	9,024	39,344	48,368
25		Yes	Yes	Yes		57,724	57,724
26		Yes	Yes	Yes		77,496	77,496
27		Yes	Piecers	Yes		44,448	44,448
28		Yes	Yes	Yes		66,864	66,864
29	Clean				11,308		11,308
30		Yes	Yes	Yes		28,692	28,692
31	No	Yes	Yes	Yes	18,000	28,000	46,000

a Not reported.
b Spinners on small mules have back boys only.

TABLE II.—COST OF PRODUCTION OF **COTTON YARNS** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

C.—COTTON USED AND QUANTITY OF PRODUCT.

[Establishments numbered 1 to 7 are in the northern district of the United States; those numbered 8 to 12 are in the southern district of the United States; those numbered 13 to 18 are on the continent of Europe; and those numbered 19 to 31 are in Great Britain.]

Establishment number.	Cotton used.		Pounds of yarn produced.			Per cent. of waste from cotton to finished yarn.
	Description.	Pounds.	Warp.	Weft.	Total.	
1	Strict good middling, middling fair	4,632,886	.....	.....	a 3,833,861	17.25
2	Long staple middling	1,697,655	1,420,479	.....	1,420,479	16.33
3	Strict low middling	1,581,192	1,335,852	19,455	1,355,307	14.29
4	Strict low middling and middling	2,298,532	707,552	1,212,808	1,920,360	15.54
5	Middling gulf long staple	224,900	201,500	.....	201,500	10.40
6	Middling	661,960	382,654	151,699	534,353	19.23
7	Strict middling	1,173,018	986,376	.....	986,376	15.91
8	Strict to good middling	608,329	532,288	.....	532,288	12.50
9	Middling	1,026,741	905,196	.....	905,196	11.84
10	Strict to good middling	544,025	470,962	.....	470,962	13.43
11	Low ordinary to middling	1,968,661	1,724,474	.....	1,724,474	12.40
12	Low middling to ordinary	1,865,150	1,584,848	.....	1,584,848	15.03
13	New Orleans middling and low middling, strict good ordinary, strict middling, waste.	2,139,626	1,945,052	(b)	1,945,052	9.09
14	Egyptian, American, East Indian	9,467,543	6,935,175	(b)	6,935,175	26.75
15	New Orleans middling and low middling	4,517,667	1,675,121	2,074,518	3,749,639	17.00
16	Surat (India), American waste	6,785,723	5,282,286	(b)	5,282,286	22.16
17	Egyptian fair to good, good, and fully good	408,818	b 302,896	(b)	302,896	25.91
18	New Orleans low middling, Surat (India), Egyptian fully good.	3,349,395	3,064,696	(b)	3,064,696	8.50
19	Middling ordinary Texas, good middling	208,411	122,255	61,904	184,159	11.64
20	(c)	901,865	801,658	.....	801,658	11.11
21	Middling American Orleans	549,776	331,901	154,821	486,722	11.47
22	Middling Orleans	317,074	269,337	.....	269,337	15.06
23	American middling Orleans	1,500,781	906,574	407,665	1,314,239	12.43
24	Orleans middling	41,130	24,236	12,167	36,403	11.49
25	Orleans mix	33,432	.....	30,095	30,095	9.98
26	Orleans middling	55,694	29,951	19,775	49,726	10.72
27	Middling and good middling Orleans	35,340	22,117	9,723	31,840	9.90
28	American strict and good middling	1,600,300	981,312	426,310	1,407,622	12.04
29	Middling Orleans	23,000	10,400	10,900	21,300	7.39
30	American middling	22,500	10,200	10,078	20,278	9.88
31	American Orleans low middling	1,160,000	388,800	587,100	975,900	15.87

a Hosiery yarn.
b The quantity of weft is inseparably combined with that of warp.
c Not reported.

TABLE II.—COST OF PRODUCTION OF **COTTON YARNS** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

D.—COST OF MATERIAL AND LABOR FOR THE PERIOD.

[Establishments numbered 1 to 7 are in the northern district of the United States; those numbered 8 to 12 are in the southern district of the United States; those numbered 13 to 18 are on the continent of Europe; and those numbered 19 to 31 are in Great Britain. The figures relating to labor are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners.]

Establishment number.	Material.			Labor.						
	Cotton.	Received for waste sold.	Net cost.	Opening, picking.	Carding, drawing, roving.	Spinning.		Subsequent manipulations.	Miscellaneous (engineers, yard hands, etc.).	Total.
						Frame.	Mule.			
1	$477,091	$23,290	$453,801	(a)	a $36,945	.....	$29,758	$15,465	$10,104	$92,272
2	195,776	8,726	187,050	$2,550	27,660	b $34,449	8,947	b 12,220	7,519	93,345
3	167,879	4,432	163,447	(a)	a 13,727	12,368	.....	c 6,515	7,652	40,262
4	244,739	10,548	234,191	(a)	a 20,728	14,488	14,288	c 6,103	18,192	73,799
5	27,975	1,008	26,967	426	2,549	2,720	.....	2,583	969	9,247
6	75,993	1,800	74,193	1,303	5,173	4,523	1,728	.....	2,904	15,631
7	119,882	4,354	115,528	(a)	a 9,332	8,308	.....	4,264	1,953	23,857
8	63,875	2,236	61,639	565	3,935	5,162	.....	4,248	1,663	15,573
9	108,047	3,075	104,972	770	5,762	6,117	.....	7,437	2,465	22,551
10	57,123	2,285	54,838	240	3,173	4,197	.....	3,325	2,094	13,029
11	203,817	6,797	197,020	(d)	d 14,074	e 12,662	(e)	(e)	d 4,176	30,912
12	166,644	4,661	161,983	(a)	a 5,640	6,544	.....	3,527	(f)	g 15,711
13	264,074	7,146	256,928	2,053	10,108	3,004	9,843	3,226	6,840	35,074
14	884,342	51,305	833,037	14,012	52,255	(h)	h 55,959	.....	14,385	136,611
15	480,166	22,481	457,685	3,567	18,905	(h)	h 25,374	.....	11,657	59,503
16	531,531	8,792	522,739	3,771	17,395	5,791	12,166	17,154	22,668	78,945
17	57,216	7,560	49,656	281	4,799	.....	8,934	c 434	1,957	16,405
18	400,474	7,143	393,331	2,758	22,583	.....	17,522	3,764	4,082	50,709
19	24,255	707	23,548	185	1,261	.....	2,021	.....	119	3,586
20	99,508	2,575	96,933	(i)	(i)	.....	i 14,543	(i)	(i)	j 14,543
21	67,338	2,488	64,850	381	2,896	.....	5,869	.....	550	9,696
22	35,267	1,547	33,720	181	1,833	k 2,089	k 347	(k)	629	5,079
23	175,450	3,937	171,513	1,235	7,962	.....	12,849	.....	2,006	24,052
24	5,187	29	5,158	37	312	86	281	c 99	104	919
25	4,200	20	4,180	28	232	.....	415	.....	97	772
26	6,959	36	6,923	49	296	.....	551	.....	121	1,017
27	4,389	77	4,312	16	231	.....	348	.....	47	642
28	198,506	8,672	189,834	769	7,190	.....	12,661	c 2,928	2,976	26,524
29	2,857	39	2,818	13	149	l 212	.....	(l)	27	401
30	2,545	82	2,463	10	140	.....	183	.....	42	375
31	133,776	3,553	130,223	718	8,473	m 5,584	5,782	(m)	1,652	22,209

a The expenditures for opening and picking are inseparably combined with those for carding, drawing, and roving.

b A portion of the expenditures for subsequent manipulations is inseparably combined with the expenditures for frame spinning.

c For a part of the yarn only.

d The expenditures for opening and picking, and for a portion of the miscellaneous labor are inseparably combined with those for carding, drawing, and roving.

e The expenditures for mule spinning and for subsequent manipulations are inseparably combined with those for frame spinning.

f The expenditures for miscellaneous labor are inseparably combined with those for other supplies and repairs.

g Not including miscellaneous labor.

h The expenditures for frame spinning are inseparably combined with those for mule spinning.

i The expenditures for labor in the different departments, and for officials and clerks are inseparably combined with those for mule spinning.

j Including officials and clerks.

k The expenditures for subsequent manipulations are inseparably combined with those for spinning.

l The expenditures for subsequent manipulations are inseparably combined with those for frame spinning.

m The expenditures for subsequent manipulations of warp yarn are inseparably combined with those for frame spinning.

TABLE II.—COST OF PRODUCTION OF **COTTON YARNS** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

E.—GENERAL STATEMENT OF COST FOR THE PERICD.

[Establishments numbered 1 to 7 are in the northern district of the United States; those numbered 8 to 12 are in the southern district of the United States; those numbered 13 to 18 are on the continent of Europe; and those numbered 19 to 31 are in Great Britain. Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Establishment number.	Material (net).	Labor.	Officials and clerks.	Supplies and repairs.		Water power.	Taxes.	Total.
				Fuel and lighting.	Other.			
1	$453,801	$92,272	$10,000	$13,050	$19,300	.....	$3,000	$591,423
2	187,050	93,345	6,800	12,521	15,778	.....	7,686	323,180
3	163,447	40,262	2,725	6,950	4,172	.....	3,356	220,912
4	234,191	73,799	5,968	6,797	9,564	$2,106	7,144	339,569
5	26,967	9,247	877	1,289	1,237	.....	500	40,117
6	74,193	15,631	1,944	3,399	202	.....	268	95,637
7	115,528	23,857	4,358	3,175	4,547	.....	302	151,767
8	61,639	15,573	1,200	3,870	1,242	.....	692	84,216
9	104,972	22,551	2,000	6,493	6,343	.....	1,685	144,044
10	54,838	13,029	1,750	2,150	1,481	.....	961	74,209
11	197,020	30,912	7,160	8,490	4,853	5,400	1,868	255,703
12	161,983	a 15,711	2,980	(b)	b 12,646	.....	1,484	194,804
13	256,928	35,074	3,247	7,414	13,732	.....	1,434	317,829
14	833,037	136,611	c 10,666	9,695	c 36,719	4,615	12,593	1,043,936
15	457,685	59,503	6,197	d 11,073	d 15,563	.....	2,551	552,572
16	522,739	78,945	8,898	14,569	25,913	.....	4,457	655,521
17	49,656	16,405	1,595	3,306	2,577	.....	1,050	74,589
18	393,331	50,709	6,755	e 1,555	e 14,129	.....	1,544	468,023
19	23,548	3,586	290	f 67	523	.....	14	f 28,028
20	96,933	g 14,543	(g)	1,433	1,952	.....	627	115,488
21	64,850	9,696	697	1,305	7,110	.....	530	84,188
22	33,720	5,079	440	691	2,892	.....	164	42,986
23	171,513	24,052	1,217	2,967	14,213	.....	1,036	214,998
24	5,158	919	12	h 121	56	.....	24	h 6,290
25	4,180	772	9	h 91	62	.....	19	h 5,133
26	6,923	1,017	13	h 172	94	.....	31	h 8,250
27	4,312	642	35	101	124	.....	15	5,229
28	189,834	26,524	1,265	3,894	6,825	.....	1,124	229,466
29	2,818	401	7	27	74	.....	14	3,341
30	2,463	375	24	64	59	.....	15	3,000
31	130,223	22,209	655	2,131	9,937	.....	533	165,688

a Not including miscellaneous labor, the expenditures for which are inseparably combined with those for other supplies and repairs.

b The expenditures for miscellaneous labor, and fuel and lighting are inseparably combined with those for other supplies and repairs.

c Calculated from best obtainable data.

d The expenditures for lighting are inseparably combined with those for other supplies and repairs.

e There were no expenditures for fuel, and those for oil are inseparably combined with the expenditures for lighting.

f The mill is rented and steam power furnished by the owner, hence no direct expense is incurred for fuel.

g The expenditures for officials and clerks are inseparably combined with those for labor.

h Not including the expenditures for lighting, which were not reported.

TABLE II.—COST OF PRODUCTION OF **COTTON YARNS** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

F.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS FOR THE PERIOD.

[Establishments numbered 1 to 7 are in the northern district of the United States; those numbered 8 to 12 are in the southern district of the United States, those numbered 13 to 18 are on the continent of Europe; and those numbered 19 to 31 are in Great Britain.]

Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	$7,100	$15,000	(a)	b $22,100
2	1,298	14,772		16,070
3	1,191			1,191
4	2,948			2,948
5	100	600	$3,336	4,036
6	213	1,914		2,127
7	951			951
8	400			400
9	500			500
10	600			600
11	2,243	(a)	(a)	c 2,243
12	1,600	(a)	(a)	c 1,600
13	1,347	d 12,993	(d)	14,340
14	9,227	d 44,334	(d)	53,561
15	4,860	26,982	12,931	44,773
16	3,977			3,977
17	073	7,720	3,860	12,253
18	1,428	19,300	7,720	28,448
19	21	e 398	608	e 1,027
20	183	6,443	4,925	11,551
21	46	666	1,947	2,659
22	335			335
23	272	(a)	(a)	c 272
24	23	77	125	225
25	37	73	138	248
26	10	151	262	423
27	17	169	146	332
28	438	10,941	9,733	21,112
29	5	(a)	(a)	c 5
30	5	35	170	210
31	883	1,307	3,893	6,083

a Not reported.
b Not including depreciation.
c Not including interest and depreciation.
d The amount of depreciation is inseparably combined with the expenditures for interest.
e Not including the expenditures for rent, which were not reported.

TABLE II.—COST OF PRODUCTION OF COTTON YARNS AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

[Establishments numbered 1 to 7 are in the northern district of the United States; those numbered 8 to 12 are in the southern district of the United States; those numbered 13 to 18 are on the continent of Europe; and those numbered 19 to 32 are in Great Britain. The preceding sub-tables (A to F) relate to each establishment as a whole, but this and the following (G to K) relate to individual products of the establishments, those of a like kind being grouped together and numbered serially. The numbers of the establishments to which they refer are shown in the second column. For establishment num-

G.—DESCRIPTION, COST OF LABOR IN ONE POUND, ETC.

Product number.	Establishment number.	Description.		Spinning.		
		Kind.	Number.	Frame or mule. Which?	Frame or mule. Average spindles to each.	Pounds per spindle per day of 10 hours.
1	1	Hosiery yarn	16.00	Mule	(a)	(a)
2	12	Warp	14.00	Frame	165	(a)
3	2	Warp	20.00	Both	(a)	(a)
4	3	Warp	20.00	Frame	160	.3611
5	4	Warp	20.00	Frame	160	.3021
6	6	Warp	20.00	Frame	288	(a)
7	7	Warp	20.00	Frame	225	(a)
8	11	Warp	20.00	Both	(a)	(a)
9	29	Warp	23.00	Frame	282	(a)
10	19	Warp	26.00	Mule	903	.1885
11	31	Warp	26.00	Frame	280	.1560
12	13	Warp	28.00	Mule	1,000	.1562
13	22	Warp	28.00	Mule	780	.1590
14	28	Warp	28.00	Mule	1,038	.1854
15	5	Warp	30.00	Frame	192	.1800
16	24	Warp	32.00	Frame	(a)	(a)
17	15	Warp	33.00	Mule	625	.1207
18	30	Warp	33.00	Mule	1,128	.1370
19	21	Warp	36.00	Mule	1,114	.1290
20	23	Warp	35.00	Mule	1,073	(a)
21	27	Warp	36.00	Mule	876	.1241
22	20	Warp	37.00	Mule	(a)	(a)
23	26	Warp	39.26	Mule	(a)	(a)
24	17	Warp	100.00	Mule	504	.0250
25	32	Warp (j)	100.00	Mule	(a)	(a)
26	8	Warp, two-ply	20.00	Frame	208	.2855
27	9	Warp, two-ply	20.00	Frame	208	.2867
28	10	Warp, two-ply	22.00	Frame	176	.2211
29	29	Weft	12.00	Frame	282	(a)
30	6	Weft	20.00	Mule	600	(a)
31	13	Weft	24.00	Mule	1,000	.2205
32	15	Weft	25.00	Mule	625	.1858
33	3	Weft	36.00	Frame	176	.1865
34	4	Weft	36.00	Mule	1,144	.1428
35	28	Weft	36.00	Mule	1,256	.1368
36	30	Weft	36.00	Mule	780	(a)
37	31	Weft	36.00	Mule	750	.1460
38	23	Weft	41.00	Mule	1,073	(a)
39	26	Weft	41.94	Mule	(a)	(a)
40	25	Weft	44.08	Mule	(a)	(a)
41	24	Weft	44.54	Mule	(a)	(a)
42	21	Weft	50.00	Mule	1,097	.0763
43	19	Weft	50.00	Mule	1,104	.0792
44	27	Weft	50.00	Mule	1,044	.0854
45	17	Weft	100.00	Mule	504	.0258
46	32	Weft (k)	100.00	Mule	(a)	(a)
47	16	Warp and weft (l)	l11.33	Both	(m)	(a)
48	14	Warp and weft (l)	l25.00	Both	(n)	(o)
49	18	Yarn, carded (p)	24.00	Mule	688	.1730
50	18	Yarn, combed (p)	28.00	Mule	640	.1451

a Not reported.
b The expenditures for opening and picking are inseparably combined with those for carding, drawing, and roving.
c The expenditures for miscellaneous labor are inseparably combined with those for other supplies and repairs.
d Not including miscellaneous labor.
e A portion of the expenditures for subsequent manipulations is inseparably combined with the expenditures for spinning.
f The expenditures for opening and picking, and for a portion of the miscellaneous labor are inseparably combined with those for carding, drawing, and roving.
g The expenditures for subsequent manipulations are inseparably combined with those for spinning.
h The expenditures for labor in the different departments, and for officials and clerks are inseparably combined with those for spinning.

TABLE II.—COST OF PRODUCTION OF **COTTON YARNS** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

bered 32, located in Great Britain, data such as have been given for others in the preceding sub-tables were not obtained. The cost of production is not shown for all numbers of yarn made by each establishment, but only for certain selected numbers. The figures relating to labor are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners.]

G.—DESCRIPTION, COST OF LABOR IN ONE POUND, ETC.

Opening, picking.	Carding, drawing, roving.	Spinning.	Subsequent manipulations.	Miscellaneous (engineers, yard hands, etc.).	Total.	Product number.
(*b*)	*b* $0.009637	$0.007762	$0.004034	$0.002635	$0.024068	1
(*b*)	*b*.005261	.006104	.003290	(*c*)	*d*.014655	2
$0.000928	.010066	*e*.015792	*e*.004447	.002736	.033969	3
(*b*)	*b*.007770	.001061	.003742	.004331	.022844	4
(*b*)	*b*.007650	.006790	.006129	.006720	.027280	5
.002787	.011064	.013509	----------	.006211	.033571	6
(*b*)	*b*.010486	.009336	.004791	.002195	.026808	7
(*f*)	*f*.014019	*g*.012613	(*g*)	*f*.004160	.030792	8
.000751	.008610	*g*.012251	(*g*)	.001560	.023172	9
.000622	.004243	.007105	----------	.000400	.012370	10
.000723	.008527	*g*.014362	(*g*)	.001663	.025275	11
.001457	.007173	.006690	.002289	.004854	.022463	12
.000690	.006833	.006874	.004055	.002271	.020723	13
.000461	.004314	.007008	----------	.001785	.013568	14
.002114	.012650	.013499	.012819	.004809	.045891	15
.000742	.006405	.007890	.009190	.002599	.026826	16
.001863	.009876	.010974	----------	.006090	.028803	17
.000446	.006874	.008902	----------	.002068	.018290	18
.000698	.005307	.010755	----------	.001008	.017768	19
.000917	.005907	.009531	----------	.001488	.017843	20
.000577	.008396	.010808	----------	.001732	.021513	21
(*h*)	(*h*)	*h*.015141	(*h*)	(*h*)	*i*.018141	22
.001069	.006143	.010784	----------	.002504	.020500	23
.001542	.020313	.047449	.002369	.013050	.084723	24
.003244	.022710	.049882	----------	.016222	.092058	25
.000965	.006721	.008816	.007255	.002840	.026597	26
.000920	.006882	.007305	.008882	.002944	.026933	27
.000560	.007411	.009803	.007766	.004891	.030431	28
.000476	.005454	*g*.007761	(*g*)	.000988	.014679	29
.002787	.011064	.013018	----------	.006211	.033080	30
.001032	.005081	.005151	----------	.003438	.014702	31
.001210	.006413	.007207	----------	.003954	.018784	32
(*b*)	*b*.013986	.012602	----------	.007796	.034384	33
(*b*)	*b*.010060	.018290	----------	.008830	.037180	34
.000449	.004197	.009131	----------	.001738	.015515	35
.000466	.006894	.011254	----------	.002008	.020622	36
.000744	.008785	.009849	----------	.001713	.021091	37
.000994	.006397	.010322	----------	.001612	.019325	38
.000859	.005664	.011530	----------	.002326	.020379	39
.000995	.006767	.012739	----------	.002986	.023487	40
.001562	.011260	.011917	----------	.003616	.028355	41
.000964	.007329	.014852	----------	.001392	.024537	42
.001481	.010098	.014376	----------	.000953	.026908	43
.000517	.007345	.014998	----------	.001448	.024308	44
.001493	.019673	.044756	----------	.012639	.078561	45
.003447	.024535	.052315	----------	.017439	.097736	46
.000714	.003293	.003399	.003248	.004291	.014945	47
.002020	.007535	.008069	----------	.002074	.019698	48
.000780	.005746	.010014	.001064	.001154	.018758	49
.000930	.006091	.011436	.001269	.001376	.021102	50

i Including officials and clerks.
j Made in 1890 from sea-island cotton.
k Made in 1890 from Egyptian cotton.
l Both warp and weft were produced by the establishment, but only the average cost of one pound of the average number of both kinds was reported.
m Spindles per frame, 300 to 360; per mule, 632.
n Spindles per frame, 216 to 280; per mule, 456 to 800.
o On frames, not reported; on mules, 0.1717.
p Both warp and weft are produced by this establishment, but no distinction whatever is made between them.

TABLE II.—COST OF PRODUCTION OF **COTTON YARNS** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

II.—ELEMENTS OF COST IN ONE POUND.

[Establishments numbered 1 to 7 are in the northern district of the United States; those numbered 8 to 12 are in the southern district of the United States; those numbered 13 to 18 are on the continent of Europe; and those numbered 19 to 32 are in Great Britain. Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Product number.	Establishment number.	Material (net).	Labor.	Officials and clerks.	Supplies and repairs.		Water power.	Taxes.	Total.
					Fuel and lighting.	Other.			
1	1	$0.118367	$0.024068	$0.002608	$0.003404	$0.005034	.....	$0.000783	$0.154264
2	12	.102207	*a* .014652	.002780	(*a*)	*a* .011796	.....	.001384	.132822
3	2	.131681	.033969	.002475	.004556	.005742	.....	.002797	.181220
4	3	.120598	.022844	.001542	.003934	.002361	.....	.001900	.153179
5	4	.119700	.027280	.002200	.002510	*b* .005200	(*b*)	.002640	.159530
6	6	.138846	.033571	.004158	.007270	.060432	.....	.000573	.184850
7	7	.117124	.026808	.004897	.003568	.005110	.....	.000339	.157846
8	11	.114249	.030792	.007132	.008457	.004834	$0.005379	.001861	.172704
9	29	.132300	.023172	.000405	.001560	.004334	.....	.000809	.162580
10	19	.127868	.012370	.000975	*c* .000225	.001760	.....	.000047	*c* .143245
11	31	.132247	.025275	.000659	.002145	.010002	.....	.000536	.170864
12	13	.138023	.022463	.002304	.005261	.009745	.....	.001018	.178814
13	22	.125196	.020723	.001622	.002575	.010727	.....	.000608	.161451
14	28	.135283	.013568	.000759	.002335	.004093	.....	.000675	.156713
15	5	.133831	.045891	.004352	.006397	.006139	.....	.002482	.199092
16	24	.141093	.026826	.000371	*d* .003435	.001578	.....	.000650	*d* .173953
17	15	.127572	.028803	.003237	*e* .005785	*e* .008130	.....	.001333	.174860
18	30	.121358	.018290	.001217	.003163	.002737	.....	.000750	.147515
19	21	.133238	.017768	.001061	.002392	.013029	.....	.000971	.168459
20	23	.130504	.017843	.000902	.002201	.010543	.....	.000769	.162762
21	27	.135427	.021513	.001259	.003726	.004565	.....	.000525	.167015
22	20	.120916	*f* .018141	(*f*)	.001787	.002435	.....	.000782	.144061
23	26	.144035	.020500	.000267	*d* .003540	.001836	.....	.000634	*d* .170812
24	17	.179596	.084723	.008693	.018034	.014033	.....	.005743	.310822
25	32	.385265	.092058	.012978	.016222	.025954	.....	.003244	.535721
26	8	.115800	.026597	.002049	.003610	.002121	.....	.001182	.154359
27	9	.115966	.026933	.002389	.007754	.007576	.....	.002012	.162630
28	10	.116438	.030431	.004087	.005022	.003456	.....	.002245	.161679
29	29	.132300	.014679	.000256	.000989	.002745	.....	.000513	.151482
30	6	.138846	.033080	.004158	.007270	.000432	.....	.000573	.184359
31	13	.125649	.014702	.001632	.003727	.006902	.....	.000721	.153333
32	15	.124330	.018784	.002102	*e* .003756	*e* .005279	.....	.000365	.155116
33	3	.120598	.034384	.002777	.007081	.004251	.....	.003410	.172510
34	4	.119700	.037180	.002880	.003300	*b* .006390	(*b*)	.003470	.172920
35	28	.132597	.015515	.000738	.002272	.003984	.....	.000657	.155763
36	30	.120547	.020622	.001176	.003102	.002616	.....	.000710	.148773
37	31	.134234	.021091	.000679	.002209	.010304	.....	.000553	.169070
38	23	.130504	.019325	.000976	.002384	.011419	.....	.000832	.165440
39	26	.131884	.020379	.000253	*d* .003388	.001922	.....	.000657	*d* .158483
40	25	.140127	.023487	.000398	*d* .002787	.001990	.....	.000597	*d* .169386
41	24	.139558	.028355	.000329	*d* .003288	.001726	.....	.000575	*d* .173831
42	21	.133238	.024537	.001465	.003302	.017993	.....	.001341	.181876
43	19	.127868	.026908	.002322	*c* .000536	.004188	.....	.000112	*c* .161934
44	27	.135427	.024308	.001138	.003207	.003931	.....	.000517	.168528
45	17	.179596	.078561	.008419	.017465	.013591	.....	.005562	.303194
46	32	.182494	.097736	.013991	.017439	.027982	.....	.003447	.343089
47	16	.098961	.014945	.001685	.002758	.004905	.....	.000844	.124098
48	14	.120118	.019698	*g* .001538	.001398	*g* .005295	.000665	.001816	.150528
49	18	.116859	.018758	.001910	*h* .000440	*h* .003994	.....	.000436	.142397
50	18	.170719	.021102	.002277	*h* .000524	*h* .004764	.....	.000521	.199907

a The expenditures for miscellaneous labor, and fuel and lighting are inseparably combined with those for other supplies and repairs.

b The expenditures for water power are inseparably combined with those for other supplies and repairs.

c The mill is rented and steam power furnished by the owner, hence no direct expense is incurred for fuel.

d Not including the expenditures for lighting, which were not reported.

e The expenditures for lighting are inseparably combined with those for other supplies and repairs.

f The expenditures for officials and clerks are inseparably combined with those for labor.

g Calculated from best obtainable data.

h There were no expenditures for fuel, and those for oil are inseparably combined with the expenditures for lighting.

TABLE II.—COST OF PRODUCTION OF **COTTON YARNS** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

J.—PER CENT. OF EACH ELEMENT OF COST IN ONE POUND.

[Establishments numbered 1 to 7 are in the northern district of the United States; those numbered 8 to 12 are in the southern district of the United States; those numbered 13 to 18 are on the continent of Europe; and those numbered 19 to 32 are in Great Britain. This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Material (net).	Labor.	Officials and clerks.	Supplies and repairs.		Water power.	Taxes.	Total.
					Fuel and lighting.	Other.			
1	1	76.73	15.60	1.69	2.21	3.26	.....	.51	100
2	12	76.95	11.04	2.09	.....	8.88	.....	1.04	100
3	2	72.66	18.75	1.37	2.51	3.17	.....	1.54	100
4	3	78.73	14.91	1.01	2.57	1.54	.....	1.24	100
5	4	75.03	17.10	1.38	1.57	3.26	.....	1.66	100
6	6	75.11	18.16	2.25	3.93	.24	.....	.31	100
7	7	74.20	16.98	3.10	2.26	3.24	.....	.22	100
8	11	66.15	17.83	4.13	4.89	2.80	3.12	1.08	100
9	29	81.37	14.25	.25	.96	2.67	.....	.50	100
10	19	89.27	8.64	.68	.16	1.22	.....	.03	100
11	31	77.40	14.79	.39	1.26	5.85	.....	.31	100
12	13	77.19	12.56	1.29	2.94	5.45	.....	.57	100
13	22	77.54	12.84	1.00	1.60	6.64	.....	.38	100
14	28	86.33	8.66	.48	1.49	2.61	.....	.43	100
15	5	67.22	23.05	2.19	3.21	3.08	.....	1.25	100
16	24	81.11	15.42	.21	1.98	.91	.....	.37	100
17	15	72.96	16.47	1.85	3.31	4.65	.....	.76	100
18	30	82.27	12.40	.83	2.14	1.85	.....	.51	100
19	21	79.09	10.55	.63	1.42	7.73	.....	.58	100
20	23	80.18	10.96	.56	1.35	6.48	.....	.47	100
21	27	81.09	12.88	.75	2.23	2.74	.....	.31	100
22	20	83.94	12.59	.....	1.24	1.69	.....	.54	100
23	26	84.33	12.00	.16	2.07	1.07	.....	.37	100
24	17	57.78	27.26	2.80	5.80	4.51	.....	1.85	100
25	32	71.91	17.18	2.42	3.03	4.85	.....	.61	100
26	8	75.02	17.23	1.33	4.28	1.38	.....	.76	100
27	9	71.31	16.56	1.47	4.76	4.66	.....	1.24	100
28	10	72.02	18.82	2.53	3.10	2.14	.....	1.39	100
29	29	87.34	9.69	.17	.65	1.81	.....	.34	100
30	6	75.31	17.94	2.26	3.94	.24	.....	.31	100
31	13	81.94	9.59	1.06	2.43	4.51	.....	.47	100
32	15	80.15	12.11	1.36	2.42	3.40	.....	.56	100
33	3	69.91	19.93	1.61	4.11	2.46	.....	1.98	100
34	4	69.22	21.50	1.67	1.91	3.69	.....	2.01	100
35	28	85.13	9.96	.47	1.46	2.56	.....	.42	100
36	30	81.03	13.86	.79	2.08	1.76	.....	.48	100
37	31	79.40	12.47	.40	1.31	6.09	.....	.33	100
38	23	78.88	11.68	.59	1.44	6.91	.....	.50	100
39	26	83.22	12.86	.16	2.14	1.21	.....	.41	100
40	25	82.73	13.87	.23	1.65	1.17	.....	.35	100
41	24	80.29	16.31	.19	1.89	.99	.....	.33	100
42	21	73.26	13.49	.80	1.81	9.90	.....	.74	100
43	19	78.96	16.62	1.43	.33	2.59	.....	.07	100
44	27	80.36	14.42	.67	1.90	2.34	.....	.31	100
45	17	59.23	25.91	2.78	5.76	4.49	.....	1.83	100
46	32	53.19	28.49	4.08	5.08	8.16	.....	1.00	100
47	16	79.74	12.04	1.36	2.22	3.96	.....	.68	100
48	14	79.80	13.08	1.02	.93	3.52	.44	1.21	100
49	18	82.07	13.17	1.34	.31	2.80	.....	.31	100
50	18	85.40	10.56	1.14	.26	2.38	.....	.26	100

TABLE II.—COST OF PRODUCTION OF **COTTON YARNS** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Concluded.

K.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE POUND.

[Establishments numbered 1 to 7 are in the northern district of the United States; those numbered 8 to 12 are in the southern district of the United States; those numbered 13 to 18 are on the continent of Europe; and those numbered 19 to 32 are in Great Britain.]

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	1	$0.001852	$0.003913	(a)	b $0.005765
2	12	.001492	(a)	(a)	c .001492
3	2	.000472	.005376		.005848
4	3	.000674			.000674
5	4	.001090			.001090
6	6	.000455	.004094		.004549
7	7	.001069			.001069
8	11	.002234	(a)	(a)	c .002234
9	29	.000289	(a)	(a)	c .000289
10	19	.000071	d .001339	$0.002045	d .003455
11	31	.000889	.001315	.003918	.006122
12	13	.000956	e .009220	(e)	.010176
13	22	.001237			.001237
14	28	.000262	.006562	.005837	.012661
15	5	.000496	.002978	.016556	.020030
16	24	.000650	.002228	(f)	b .002878
17	15	.002529	.014095	.006755	.023379
18	30	.000122	.001744	.008435	.010301
19	21	.000084	.001221	.003568	.004873
20	23	.000202	(a)	(a)	c .000202
21	27	.000630	.006139	.005300	.012069
22	20	.000228	.008037	.006144	.014409
23	26	.000200	.003039	.005275	.008514
24	17	.003665	.042101	.021050	.066816
25	32	.003244	.032443	.022710	.058397
26	8	.000683			.000683
27	9	.000597			.000597
28	10	.001401			.001401
29	29	.000183	(a)	(a)	c .000183
30	6	.000455	.004094		.004549
31	13	.000677	e .006531	(e)	.007208
32	15	.001648	.009153	.004386	.015187
33	3	.001213			.001213
34	4	.001430			.001430
35	28	.000256	.006387	.005681	.012324
36	30	.000122	.001703	.008374	.010199
37	31	.000916	.001355	.004036	.006307
38	23	.000218	(a)	(a)	c .000218
39	26	.000202	.003034	.005310	.008546
40	25	.001194	.002389	.004777	.008360
41	24	.000575	.002055	.004849	.007479
42	21	.000117	.001685	.004927	.006729
43	19	.000168	d .003187	.004869	d .008224
44	27	.000517	.005379	.004655	.010551
45	17	.003549	.040775	.020386	.064710
46	32	.003447	.034471	.024535	.062453
47	16	.000753			.000753
48	14	.001330	e .006393	(e)	.007723
49	18	.000404	.005456	.002183	.008043
50	18	.000481	.006507	.002602	.009590

a Not reported.
b Not including depreciation.
c Not including interest and depreciation.
d Not including the expenditures for rent, which were not reported.
e The amount of depreciation is inseparably combined with the expenditures for interest.
f The total amount of depreciation was reported and is shown in that portion of the tabulation relating to the establishment as a whole, page 131, but no depreciation was reported for this unit, spun on frames, frame-spinning having been only recently introduced in the establishment.

WOOLLEN AND WORSTED TEXTILES.

WOOLLEN AND WORSTED TEXTILES.

The titles of the table and sub-tables relating to the cost of production of woollen and worsted textiles are as follows:

TABLE III.—*Cost of Production of Woollen and Worsted Textiles at Various Establishments in Various States.*

A.—Period covered, etc.
B.—Pertaining to spinners, etc.
C.—Materials used (except dye) and quantity of product.
D.—Cost of materials for the period.
E.—Cost of labor for the period.
F.—General statement of cost for the period.
G.—Additional cost of certain theoretical elements for the period.
H.—Description of goods made.
J.—Spinning and weaving.
K.—Cost of materials in one yard.
L.—Cost of labor in one yard.
M.—Elements of cost in one yard.
N.—Per cent. of each element of cost in one yard.
O.—Additional cost of certain theoretical elements in one yard.

This tabulation is similar in scope and character to that for cotton textiles. The first seven sub-tables from A to G give information, as indicated by their box heads, concerning entire establishments, and the last seven from H to O relate to the individual products of those establishments.

The same system of double numbering is adopted, one series of numbers being used for the establishments and another series for the products. The only variations between these sub-tables and those relating to cotton textiles are such as are necessitated by the different character of the goods and of the materials used, and further explanation is therefore deemed unnecessary.

The percentages given in sub-table N of Table II should be considered only as significant and not conclusive points of comparison as between countries or establishments; as, for instance, the percentage of labor cost of total cost varies as the cost of raw material varies, and cannot, therefore, be used to establish positive or conclusive comparisons.

TABLE III.—COST OF PRODUCTION OF WOOLLEN AND WORSTED TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES.

[The names of the states are omitted to prevent the identification of individual establishments, but the states covered and the number of establishments for each are as follows: In the United States—Maine, 10; Massachusetts, 2; New Hampshire, 3; New Jersey, 5; New York, 7; Rhode Island, 3. In Great Britain, 1. In addition to the above, costs were obtained for certain individual products in fifteen other establishments (numbered 32 to 46); the states in which these are located are mentioned in the note prefatory to sub-table H, page 147. The present and the six sub-tables which follow (A to G) relate to each establishment as a whole. These establishments are numbered serially, those of the same state being grouped together. For explanation of the product number see the prefatory note to sub-table H, in which and in the sub-tables that follow it becomes the serial number.]

A.—PERIOD COVERED, ETC.

Establishment number.	Product numbers.	Locality.	Period covered.		Steam or water power.
			Terminal dates.	Days of running time.	
a 1	99	United States	Dec. 30, 1888, to June 29, 1889	153	Water. (*b*)
a 2	100	do	June 1, 1889, to May 31, 1890	301	Water. (*b*)
3	109	do	Jan. 1, 1889, to June 30, 1889	154	Water.
4	157	do	Jan. 1, 1889, to June 30, 1889	151	Water.
5	110	do	Dec. 31, 1888, to June 29, 1889	150	Both. (*b*)
6	114	do	Jan. 1, 1889, to June 30, 1889	152	Water.
7	30, 63, 75, 90, 140, 170, 171, 172	do	July 1, 1888, to June 30, 1889	296	Both. (*b*)
8	31, 57, 102	do	July 1, 1889, to June 30, 1890	308	Both. (*b*)
9	115	do	Jan. 1, 1889, to June 30, 1889	152	Water. (*b*)
10	111	do	Mar. 1, 1889, to Aug. 31, 1889	140	Water. (*b*)
11	117	do	July 1, 1889, to Sept. 30, 1889	78	Water.
12	108	do	July 1, 1888, to Dec. 31, 1888	150	Both. (*b*)
13	66 to 69, 87 to 89, 201 to 210	do	Jan. 1, 1890, to Dec. 31, 1890	305	Both. (*b*)
14	96 to 98, 101, 105, 106, 168	do	Jan. 1, 1889, to Dec. 31, 1889	307	Water. (*b*)
15	103, 104	do	Jan. 1, 1889, to Dec. 31, 1889	307	Water. (*b*)
16	9, 91, 93, 107, 169, 173	do	June 1, 1889, to May 31, 1890	300	Both. (*b*)
17	120	do	Nov. 1, 1889, to Oct. 31, 1890	300	Both.
18	27	do	Oct. 1, 1890, to Oct. 31, 1890	27	Both.
19	26	do	Jan. 1, 1891, to May 31, 1891	128	Both.
20	212	do	Apr. 1, 1890, to Mar. 31, 1891	308	Steam.
21	29, 53, 74, 76, 77, 82, 83, 139, 143, 144, 146, 152, 196.	do	Nov. 1, 1889, to Oct. 31, 1890	308	Both. (*b*)
c 22	28, 54, 55, 78, 80, 84, 145, 147, 149, 150.	do	Mar. 31, 1890, to Sept. 30, 1890	155	Water. (*b*)
c 23	79, 86, 148, 151, 194, 195	do	Mar. 2, 1891, to Apr. 25, 1891	48	Water.
24	38 to 49, 58, 64, 65, 141, 142, 183 to 186, 188, 189, 191, 192, 197 to 200.	do	July 1, 1888, to July 1, 1889	287	Both. (*b*)
25	32, 52	do	Jan. 1, 1890, to Dec. 31, 1890	300	Water. (*b*)
26	33, 34, 59, 60	do	Jan. 1, 1890, to July 3, 1890	154	Both. (*b*)
27	167	do	Nov. 1, 1890, to Dec. 5, 1890	31	Steam.
d 28	50	do	Sept. 1, 1888, to Sept. 30, 1888	24	Both. (*b*)
d 29	61	do	Apr. 1, 1889, to Apr. 30, 1889	24	Both. (*b*)
30	182, 187	do	Oct. 1, 1888, to Oct. 31, 1888	27	Both. (*b*)
31	73, 174	Great Britain	Apr. 27, 1889, to Aug. 2, 1889	81	Both. (*b*)

a Numbers 1 and 2 represent two different periods of time for the same establishment.
b The water power is owned by the establishment.
c Establishments numbered 22 and 23 are operated by the same company.
d Numbers 28 and 29 represent two different periods of time for the same establishment.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

B.—PERTAINING TO SPINNERS, ETC.

[Establishments numbered 1 to 30 are in the United States, and that numbered 31 is in Great Britain.]

Establishment number.	Mule spinners—			Spindles.	Looms.
	Clean, oil, and doff?	Have piecers and back boys.			
		Yes or no?	Paid by spinners?		
1	Yes	No		5,000	78
2	Yes	No		5,000	82
3	Yes	No		3,060	33
4	Yes	No		1,300	30
5	Yes	No		2,472	36
6	Yes	No		4,032	52
7	Yes	No		4,224	54
8	Yes	No		1,464	22
9	Yes	No		1,200	21
10	Yes	Back boys	Yes	2,600	30
11	Yes	No		2,200	36
12	Yes	No		3,040	36
13	Yes	No		10,640	91
14	Yes	No		8,600	48
15	Yes	No		2,200	32
16	Clean	No		3,816	60
17	Clean	No		1,705	27
18	Clean	No		1,680	31
19	Yes	No		3,556	65
20	Clean and oil	Piecers	No	624	24
21	Yes	No		6,360	94
22	Yes	No		2,020	20
23	Yes	No		3,840	50
24	Clean and oil	Back boys	No	a 4,960	70
25	Yes (b)	No		b 1,032	22
26	Yes	No		1,920	27
27	Yes	No		4,860	50
28	Clean	No		c 7,940	74
29	Clean	No		c 7,940	76
30					39
31	Yes	Yes	No	7,206	96

a Including 3,360 jack spindles.
b Jack spinning only is done in this establishment.
c Including 2,000 jack spindles.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

C.—MATERIALS USED (EXCEPT DYE) AND QUANTITY OF PRODUCT.

[Establishments numbered 1 to 30 are in the United States, and that numbered 31 is in Great Britain.]

Establishment number.	Materials. Wool. Description.	Pounds.	Pounds of— Yarn.	Shoddy.	Other.	Product. Pounds	Yards.	Per cent. of waste from wool as bought to finished goods.
1	Territory fleece, Eastern; pulled, Eastern and Western.	508,597	.....	.....	.....	246,435	955,867	49.00
2	Territory fleece and Eastern	852,424	.....	.....	.....	475,440	1,844,160	47.00
3	Territory and other wool in grease, pulled, scoured, washed, and unwashed.	211,172	.....	.....	.....	89,246	336,009	75.00
4	Territory No. 1, clean and other	53,900	a51,000	6,000	b 2,500	101,250	162,000	(c)
5	Scoured Texas, 12 months	105,200	a12,840	4,911	d 4,200	112,534	400,121	(c)
6	Indiana fleece and Oregon pulled	166,761	a 8,927	9,830	d 45,163	109,661	319,004	71.00
7	Australian, Territory, California, State of Maine.	639,200	25,000	166,293	.....	423,268	329,814	e 49.03
8	Scoured Territory	52,093	3,796	67,263	f 29,492	144,837	137,858	g 5.11
9	Scoured Texas and Territory (clean)	31,752	a 4,620	.....	d 12,475	41,358	105,876	16.00
10	Scoured wool and wool in grease	h 153,637	.....	.....	.....	73,170	259,754	70.00
11	Australian and American fleece	122,714	.....	.....	.....	46,650	49,650	71.00
12	Domestic X grade (Ohio, Pennsylvania, California, Oregon, Territory).	207,154	.....	.....	.....	77,371	327,067	62.65
13	Domestic, Texas, California, Montevideo, Territory.	1,477,632	63,275	.....	i 51,619	424,127	378,747	j 79.57
14	Domestic fleece and fall Texas	840,000	.....	.....	.....	274,260	1,191,450	67.35
15	Domestic fleece, Texas, Territory	572,860	.....	.....	.....	210,631	786,470	63.23
16	Ohio, Pennsylvania, Michigan, California, Territory, foreign.	712,639	.....	.....	.....	233,885	187,092	67.20
17	Scoured domestic	102,514	.....	205,180	.....	287,042	437,397	(c)
18	Domestic, Virginia, Louisiana	21,687	.....	7,808	k 1,735	13,606	15,550	(c)
19	Colorado one-eighth blood	65,137	(c)	.....	l 130,275	140,251	172,617	(c)
20	New Jersey	m 175,000	(c)	.....	(m)	218,025	183,600	(c)
21	Domestic; Montevideo; Kansas; Texas; Territory; XX, fine Chicago, and extra Chicago pulled; fine, X, Territory, and Thacher scoured; Georgia; Bagdad.	1,170,139	41,574	7,995	n 7,241	462,100	409,950	64.27
22	Domestic, Georgia, Bagdad, pulled	112,968	o 287	20,474	p 3,767	70,467	56,555	q 48.75
23	Domestic, Georgia, Texas, Bagdad, pulled, scoured.	94,811	7,080	.....	(r)	39,406	32,012	66.00
24	Ohio, Missouri, Texas	602,197	25,164	.....	s 906	214,651	150,853	63.45
25	New York State, Vermont	188,948	.....	.....	t 25,707	73,832	65,419	66.66
26	Domestic, Ohio, Pennsylvania, Missouri, Texas.	233,918	.....	.....	.....	74,924	56,920	63.50
27	Domestic in grease	31,809	.....	.....	t 20,000	21,827	25,869	(c)
28	Ohio, Pennsylvania, XX grade	85,747	.....	.....	.....	26,745	23,773	64.00
29	Ohio, Pennsylvania, XX grade	91,794	.....	.....	.....	28,988	19,325	64.00
30	.....	.....	u 14,850	.....	.....	13,200	14,400	(c)
31	Cheviot; X bred Colonial; Colonial including Sydney, Port Philip, and Capes (v).	76,512	.....	.....	.....	62,212	99,540	18.69

a Cotton yarn.
b Cotton.
c Not reported.
d Colored cotton.
e Waste from wool in grease, shoddy, and yarn.
f Raw and colored cotton.
g Waste from scoured wool, yarn, shoddy, and cotton.
h Of this amount, 58,547 pounds were scoured when purchased and 95,090 pounds were in grease.
i Consisting of 50,765 pounds of carded yarn and roping waste, and 884 pounds of silk.
j Waste from wool in grease, waste, and yarn.
k Silk waste.
l Consisting of wool waste and cotton in equal quantites.
m The quantity of wool waste is inseparably combined with that of wool.
n Consisting of 3,352 pounds of garnetted waste, 670 pounds of worsted noils, 140 pounds of botany laps, 2,381 pounds of black cotton, 346 pounds of silk noils, and 352 pounds of silk.
o Black cotton yarn.
p Consisting of 2,111 pounds of carded waste and 1,656 pounds of garnetted waste.
q Waste from wool in grease and all stock.
r Silk was used, but the quantity was not reported.
s Thrown silk.
t Garnetted waste.
u Colored yarn.
v The wools used by this establishment were already washed when purchased.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

D.—COST OF MATERIALS FOR THE PERIOD.

[Establishments numbered 1 to 30 are in the United States, and that numbered 31 is in Great Britain.]

Establishment number.	Wool.	Yarn (bought).	Shoddy.	Dye.	Other.	Total.	Received for waste sold.	Net cost.
1	$127,149	.....	.....	$3,500	.....	$130,649	$300	$130,349
2	234,156	.....	.....	1,022	.....	235,178	610	234,568
3	68,545	.....	.....	3,335	.....	71,880	650	71,230
4	18,592	*a* $11,495	$960	702	*b* $425	32,174	50	32,124
5	66,276	*a* 3,788	688	6,420	*c* 924	78,096	79	78,017
6	37,565	*a* 2,678	983	1,643	*c* 9,033	51,902	102	51,800
7	140,000	34,250	35,036	7,951	.....	217,237	10,229	207,008
8	27,609	5,504	13,452	1,451	*d* 5,309	53,325	341	52,984
9	18,098	*a* 1,201	.....	593	*c* 2,218	22,110	98	22,012
10	51,015	.....	.....	4,069	.....	55,084	42	55,042
11	35,280	.....	.....	1,966	.....	37,246	353	36,893
12	56,228	.....	.....	4,748	.....	60,976	1,521	59,455
13	312,918	77,892	.....	9,944	*e* 23,178	423,932	4,330	419,602
14	202,302	.....	.....	8,461	.....	210,763	882	209,881
15	150,821	.....	.....	6,501	.....	157,322	1,609	155,713
16	209,429	.....	.....	31,906	.....	241,335	1,121	240,214
17	57,841	.....	47,250	.....	.....	105,091	100	104,991
18	6,072	.....	1,249	478	*f* 347	8,146	.....	8,146
19	22,798	492	.....	3,594	*g* 19,541	46,425	418	46,007
20	*h* 17,500	46,000	.....	3,840	(*h*)	67,340	3,070	64,270
21	325,449	54,046	*i* 2,478	30,484	*j* 6,518	418,975	9,099	409,876
22	32,974	*k* 69	4,300	3,808	*l* 551	41,702	1,878	39,824
23	24,173	9,204	.....	2,057	*m* 99	35,533	49	35,484
24	172,447	32,714	.....	8,863	*n* 10,870	224,894	2,254	222,640
25	41,568	.....	.....	3,600	*o* 12,725	57,893	550	57,343
26	67,836	.....	.....	1,906	.....	69,742	2,374	67,368
27	9,543	.....	.....	583	*o* 5,200	15,326	250	15,076
28	24,867	.....	.....	1,275	.....	26,142	1,189	24,953
29	26,620	.....	.....	1,273	.....	27,893	1,449	26,444
30	.....	18,522	.....	.....	.....	18,522	762	17,760
31	23,016	.....	.....	.....	.....	23,016	776	22,240

a Cotton yarn.
b The expenditure was for cotton.
c The expenditure was for colored cotton.
d The expenditure was for raw and colored cotton.
e Of this amount, $14,180 was paid for yarn and roping waste, and $8,998 for silk.
f The expenditure was for silk waste.
g Of this amount, $13,027 was paid for wool waste and $6,514 for cotton.
h The expenditures for wool waste are inseparably combined with those for wool.
i Cleveland shoddy.
j Of this amount, $1,944 was paid for garnetted waste, $201 for worsted noils, $48 for botany laps, $543 for black cotton, $86 for silk noils, and $3,691 for silk.
k Black cotton yarn.
l Of this amount, $253 was paid for carded waste and $298 for garnetted waste.
m The expenditure was for silk.
n The expenditure was for thrown silk.
o The expenditure was for garnetted waste.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

E.—COST OF LABOR FOR THE PERIOD.

[Establishments numbered 1 to 30 are in the United States, and that numbered 31 is in Great Britain. The figures are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners. There were no worsted yarns spun in the establishments covered by the first seven sub-tables, and consequently no expenditures are shown in this table for combing and drawing.]

Establishment number.	Sorting.	Scouring, dyeing.	Carding.	Spinning.	Spooling, warping, drawing-in.	Weaving.	Finishing, packing.	All other.	Total.
1	$1,905	$1,905	$2,690	$3,712	$2,035	$12,081	$1,753	$1,839	$27,920
2	3,224	2,551	4,900	7,168	3,999	16,845	4,391	5,369	48,447
3	385	2,041	2,206	2,456	881	8,253	2,299	2,371	20,892
4	.....	727	1,801	1,419	.....	4,817	743	477	9,984
5	.....	1,050	1,737	2,588	1,620	7,088	1,550	744	16,377
6	266	1,543	2,192	2,911	2,280	7,308	2,956	490	19,946
7	1,924	3,108	8,350	8,731	4,360	32,102	11,690	5,849	76,114
8	.....	*a* 997	2,709	4,412	1,803	12,896	4,660	2,727	30,204
9	.....	(*b*)	741	855	565	3,373	*b* 1,289	572	7,395
10	280	1,081	1,260	1,420	1,243	6,496	1,988	450	14,218
11	507	741	889	1,700	780	5,070	(*c*)	(*c*)	9,687
12	600	1,250	2,102	2,081	942	10,744	2,484	1,655	21,858
13	8,424	9,968	10,640	14,389	10,325	52,401	24,850	18,882	149,879
14	2,759	3,515	4,191	7,614	*d* 1,044	*d* 13,469	3,257	2,540	38,389
15	2,173	1,410	3,127	3,723	2,504	6,921	1,379	1,530	22,767
16	4,101	8,471	8,851	6,427	3,655	30,173	12,302	3,737	77,717
17	.....	.....	5,758	4,019	1,866	15,755	5,575	1,760	34,733
18	.....	268	230	241	157	1,010	225	132	2,263
19	(*e*)	*e* 2,286	2,185	1,206	1,761	6,725	2,272	911	17,346
20	693	2,295	1,324	755	1,679	13,475	3,111	2,547	25,879
21	7,308	7,435	11,884	17,829	9,254	52,022	19,537	9,495	134,764
22	634	1,099	1,615	2,110	1,065	5,231	*f* 2,782	1,441	15,977
23	183	848	789	1,182	1,275	3,630	1,508	497	9,912
24	3,949	4,261	5,779	6,357	6,604	25,407	18,544	8,254	79,155
25	750	1,350	3,111	2,300	1,433	7,581	4,012	1,183	21,720
26	1,051	1,217	1,797	1,505	2,214	7,073	3,632	1,320	19,809
27	197	448	450	657	232	2,292	811	688	5,775
28	585	434	854	1,725	672	3,410	1,869	696	10,236
29	632	450	857	1,708	676	3,527	1,809	704	10,363
30	.....	.....	.....	.....	473	1,906	726	150	3,255
31	502	(*g*)	1,210	1,415	1,336	5,663	3,301	292	13,719

a Represents the expenditures for dyeing only, the wool having been scoured when purchased.
b The wool was scoured when purchased; the expenditures for dyeing labor are inseparably combined with those for finishing and packing.
c The small amount of work necessary is performed by employés of the other departments.
d The expenditures for drawing-in are inseparably combined with those for weaving.
e The expenditures for sorting are inseparably combined with those for scouring and dyeing.
f The finishing was done by another establishment, for which the amount above reported was paid.
g No scouring was done and the dyeing was done by another establishment.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

F.—GENERAL STATEMENT OF COST FOR THE PERIOD.

[Establishments numbered 1 to 30 are in the United States, and that numbered 31 is in Great Britain. Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Establishment number.	Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.
				Fuel and lighting.	Oil.	Other.			
1	$130,349	$27,920	$3,750	$1,852	$1,100	$6,225	.....	$1,050	$172,246
2	234,568	48,447	5,000	3,711	1,310	9,204	.....	1,769	304,009
3	71,230	20,892	2,065	1,516	508	3,563	$660	500	100,934
4	32,124	9,934	2,000	1,400	375	724	150	325	47,082
5	78,017	16,377	950	780	492	9,606	.....	(a)	106,222
6	51,800	19,946	2,200	2,514	369	4,242	375	122	81,568
7	207,008	76,114	7,050	5,180	795	23,461	.....	650	320,258
8	52,984	30,204	3,000	1,858	518	9,650	.....	(a)	98,214
9	22,012	7,395	850	635	177	1,000	.....	203	32,272
10	55,042	14,218	2,840	1,115	320	6,412	.....	(a)	79,947
11	36,893	9,687	360	540	273	822	b 750	200	b 49,525
12	59,455	21,858	2,400	2,026	741	5,571	.....	771	92,822
13	419,602	149,879	17,862	9,631	2,854	26,324	.....	7,310	633,462
14	209,881	38,389	5,000	3,762	1,845	5,796	.....	1,817	266,490
15	155,713	22,767	3,600	2,212	1,150	8,779	.....	1,200	195,421
16	240,214	77,717	1,950	4,770	4,789	5,414	.....	2,325	337,179
17	104,991	34,733	4,305	4,033	2,038	6,580	4,400	822	161,902
18	8,146	2,263	450	254	485	889	467	75	13,029
19	46,007	17,346	2,180	2,166	197	492	369	118	68,875
20	64,270	25,879	5,000	3,200	960	400	.....	300	100,009
21	409,876	134,764	15,582	7,552	1,613	19,706	.....	4,021	593,114
22	39,824	15,977	360	556	422	2,892	.....	280	60,311
23	35,484	9,912	380	635	138	1,888	(c)	(c)	48,437
24	222,640	79,155	4,904	5,829	1,973	17,584	.....	1,127	333,212
25	57,343	21,720	3,100	1,600	520	492	.....	123	84,898
26	67,368	19,809	3,250	1,170	384	2,501	.....	126	94,608
27	15,076	5,775	400	367	75	349	.....	97	22,139
28	24,953	10,236	742	503	(d)	d 1,352	.....	190	37,976
29	26,444	10,363	742	651	(d)	d 1,460	.....	190	39,850
30	17,760	3,255	300	197	13	142	.....	16	21,683
31	22,240	13,719	954	569	440	527	.....	214	38,663

a Exempt from taxes.
b Including the expenditures for rent of plant, which are inseparably combined with those for water power.
c Rent for water power and expenditures for taxes not paid by lessees of the mill.
d The expenditures for oil are inseparably combined with those for other supplies and repairs.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

G.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS FOR THE PERIOD.

[Establishments numbered 1 to 30 are in the United States, and that numbered 31 is in Great Britain.]

Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	$575	----	(a)	b $575
2	857	----	$3,000	3,857
3	200	----	----	200
4	100	----	----	100
5	550	$1,800	----	2,350
6	269	4,418	----	4,687
7	1,320	20,226	4,770	26,316
8	543	5,917	----	6,460
9	235	500	----	735
10	325	----	2,700	3,025
11	150	----	----	150
12	379	----	----	379
13	2,174	2,011	(a)	b 4,185
14	1,200	----	----	1,200
15	679	----	2,000	2,679
16	1,161	----	5,185	6,346
17	462	2,649	----	3,111
18	85	400	208	693
19	384	(a)	(a)	c 384
20	750	1,800	----	2,550
21	1,773	27,978	----	29,751
22	280	1,739	----	2,019
23	146	d 833	----	e 979
24	911	----	----	911
25	541	----	----	541
26	304	2,512	----	2,816
27	40	----	----	40
28	100	----	----	100
29	100	----	----	100
30	46	d 133	----	f 179
31	384	(a)	(a)	c 384

a Not reported.
b Not including depreciation.
c Not including interest and depreciation.
d Rent.
e Including rent, $833.
f Including rent, $133.

TABLE III.—COST OF PRODUCTION OF WOOLLEN AND WORSTED TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

[The preceding sub-tables (A to G) relate to each establishment as a whole, but this and the following (H to O) relate to individual products of the establishments, those of a like kind being grouped together and numbered serially. The numbers of the establishments to which they refer are shown in the second column. For the establishments numbered 32 to 46 data such as have been given for others in the preceding sub-tables were not obtained. Footnotes show the years in these cases to which the information relates. The states in which these fifteen establishments are located and the number in each are as follows: In the United States—Connecticut, 2; Delaware, 1; Massachusetts, 1; New Jersey, 1; Pennsylvania, 2; Rhode Island, 2; Utah, 1. In continental Europe, 1. In Great Britain, 4. The cost of production is not invariably shown for all the varieties of goods made by an establishment, but in many cases only for certain selected varieties.]

H.—DESCRIPTION OF GOODS MADE.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound	Number of yarn.				Per inch.	
						Warp.		Weft.		Threads of warp.	Picks of weft.
						Wool.	Worsted.	Wool.	Worsted.		
1	42	Continent of Europe.	Alma (*a*)	39.75	3.63	.....	80.00	.....	105.00	88	114
2	42	....do	Alma (*a*)	41.00	3.91	.....	75.00	.....	(*b*)	62	128
3	42	....do	Armure (*a*)	40.50	3.82	.....	76.00	.....	110.00	62	128
4	42	....do	Armure (*a*)	48.40	2.72	.....	75.00	.....	115.00	96	132
5	42	....do	Armure (*a*)	49.60	2.60	.....	64.00	.....	110.00	76	140
6	42	....do	Armure stripes (*a*)	39.40	3.70	.....	70.00	.....	110.00	72	128
7	41	United St's	Blankets (*c, d*)	64.00	.57	2.00	.....	.75	.....	25	18
8	41	....do	Blankets (*d, e*)	68.00	.64	*f*5.00	.....	1.50	.....	30	30
9	16	....do	Carriage cloth, green.	54.00	1.00	4.25	.....	5.25	.....	49	52
10	42	Continent of Europe.	Cashmere (*a*)	40.17	4.70	.....	75.00	.....	105.00	64	88
11	42	....do	Cashmere (*a*)	40.50	4.17	.....	70.00	.....	120.00	68	110
12	42	....do	Cashmere (*a*)	40.90	3.73	.....	72.00	.....	120.00	68	136
13	42	....do	Cashmere (*a*)	41.33	3.22	.....	70.00	.....	135.00	68	160
14	42	....do	Cashmere (*a*)	41.75	3.33	.....	70.00	.....	140.00	68	180
15	42	....do	Cashmere (*a*)	41.75	3.13	.....	70.00	.....	145.00	68	204
16	42	....do	Cashmere (*a*)	42.90	3.94	.....	70.00	.....	120.00	68	110
17	42	....do	Cashmere (*a*)	47.25	3.82	.....	80.00	.....	(*b*)	54	120
18	42	....do	Cashmere (*a*)	47.25	3.57	.....	80.00	.....	(*g*)	54	144
19	42	....do	Cashmere (*a*)	47.67	3.31	.....	80.00	.....	(*h*)	54	166
20	42	....do	Cashmere (*a*)	47.67	3.15	.....	80.00	.....	(*i*)	56	190
21	42	....do	Cashmere (*a*)	48.60	2.95	.....	80.00	.....	(*j*)	56	212
22	42	....do	Cashmere (*a*)	48.80	3.97	.....	72.00	.....	110.00	64	84
23	42	....do	Cashmere (*a*)	49.20	3.36	.....	68.00	.....	115.00	66	110
24	42	....do	Cashmere, henrietta (*a*)	47.25	4.25	.....	80.00	.....	(*k*)	54	96
25	42	....do	Cashmere, Indian (*a*)	47.25	3.13	.....	70.00	.....	74.00	82	74
26	19	United St's	Cassimere	27.00	1.23	3.00	.....	3.28	.....	59	24
27	18	....do	Cassimere	54.00	1.14	2.50	.....	2.50	.....	30	30
28	22	....do	Cassimere	54.00	1.07	(*l*)	.....	3.50	.....	40	46
29	21	....do	Cassimere	54.00	1.03	3.50	.....	4.00	.....	48	40
30	7	....do	Cassimere	54.00	1.00	3.50	.....	4.00	.....	42	40
31	8	....do	Cassimere	54.00	1.00	3.25	.....	3.75	.....	42	46
32	25	....do	Cassimere	54.00	1.00	4.00	.....	4.50	.....	67	56
33	26	....do	Cassimere	54.00	1.00	2.75	.....	2.75	.....	42	40
34	26	....do	Cassimere	54.00	1.00	4.50	.....	4.50	.....	64	60
35	34	....do	Cassimere (*m*)	54.00	1.00	3.75	.....	4.69	.....	44	44
36	40	....do	Cassimere (*n*)	54.00	1.00	6.00	.....	4.00	.....	44	50
37	40	....do	Cassimere (*n*)	54.00	1.00	6.00	.....	4.00	.....	44	50
38	24	....do	Cassimere	54.00	.94	*o*5.64	.....	4.00	.....	85	54

a Made in 1890.
b Numbers 110 and 120 were used.
c Measuring 64 inches by 80 inches.
d Made in 1891.
e Measuring 68 inches by 80 inches.
f Cotton yarn.
g Numbers 120 and 130 were used.
h Numbers 125 and 135 were used.
i Numbers 135 and 145 were used.
j Numbers 140 and 150 were used.
k Numbers 105 and 110 were used.
l Numbers 3.50 and 6.75, twisted, were used.
m Made in 1889.
n Made in 1888.
o Average number, 3.75 and 6.50 having been used.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

II.—DESCRIPTION OF GOODS MADE—Continued.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound	Number of yarn.				Per inch.	
						Warp.		Weft.		Threads of warp.	Picks of weft.
						Wool.	Worsted.	Wool.	Worsted.		
39	24	United St's	Cassimere	54.00	.91	*a*6.03		*b*4.29		96	52
40	24	....do	Cassimere	54.00	.91	6.50		4.00		106	52
41	24	....do	Cassimere	54.00	.91	*a*5.45		*c*4.13		88	54
42	24	....do	Cassimere	54.00	.91	*a*6.04		4.00		96	54
43	24	....do	Cassimere	54.00	.91	3.75		4.00		62	52
44	24	....do	Cassimere	54.00	.89	3.75		4.00		62	54
45	24	....do	Cassimere	54.00	.89	3.75		4.00		60	54
46	24	....do	Cassimere	54.00	.89	3.75		*c*4.15		60	54
47	24	....do	Cassimere	54.00	.89	*d*3.76		*c*4.03		62	52
48	24	....do	Cassimere	54.00	.89	*e*4.13		*b*4.42		62	52
49	24	....do	Cassimere	54.00	.89	*f*7.12		4.00		106	54
50	23	....do	Cassimere	54.00	.89	5.00		*e*6.00		60	60
51	32	....do	Cassimere (*g*)	54.00	.89	9.25		5.25		70	76
52	25	....do	Cassimere	54.00	.80	4.00		4.50		80	52
53	21	....do	Cassimere	54.00	.73	3.50		3.50		80	56
54	22	....do	Cassimere	54.00	.73	(*h*)		(*h*)		33	28
55	22	....do	Cassimere	54.00	.73	2.25		2.25		39	38
56	34	....do	Cassimere (*i*)	54.00	.73	3.75		4.69		56	56
57	8	....do	Cassimere	54.00	.68	3.75		4.00		54	56
58	24	....do	Cassimere	54.00	.67	*j*3.33		5.00		78	72
59	26	....do	Cassimere	54.00	.67	*k*3.75		*k*3.75		80	70
60	26	....do	Cassimere	54.00	.67	2.00		2.00		42	40
61	29	....do	Cassimere	54.00	.67	5.00		6.00		76	76
62	40	....do	Cassimere (*g*)	54.00	.67	6.00		4.00		74	80
63	7	....do	Cassimere	54.00	.65	2.50		3.00		36	34
64	24	....do	Cassimere	54.00	.62	*j*3.35		5.00		80	74
65	24	....do	Cassimere	54.00	.62	*j*3.33		5.00		80	72
66	13	....do	Cassimere	54.50	1.07	3.50		4.00		47	36
67	13	....do	Cassimere	54.50	1.00	3.75		(*m*)		50	38
68	13	....do	Cassimere	54.50	.71	3.50		(*n*)		58	58
69	13	....do	Cassimere	54.50	.71	3.50		4.50		76	58
70	38	....do	Cassimere (*o*)	55.00	1.10	3.00		3.00		38	36
71	36	....do	Cassimere (*p*)	55.00	.67	3.75		3.38		66	60
72	42	Continent of Europe.	Checks (*o*)	38.60	4.36		(*q*)		(*r*)	(*s*)	(*t*)
73	31	Great Brit.	Checks	56.00	1.00	7.00		7.00		43	43
74	21	United St's	Cheviot	54.00	1.14	5.75	*u*30.00	4.75		68	54
75	7	....do	Cheviot	54.00	1.10	2.75		3.25		32	32
76	21	....do	Cheviot	54.00	1.07	2.00		2.00		25	21
77	21	....do	Cheviot	54.00	1.07	3.50		4.25		48	40
78	22	....do	Cheviot	54.00	1.07	2.75		2.75		38	30
79	23	....do	Cheviot	54.00	1.07	3.50		4.50		48	40
80	22	....do	Cheviot	54.00	1.03	4.50		4.75		52	40
81	34	....do	Cheviot (*i*)	54.00	1.00	2.81		2.81		32	32

a Average number, 3.75 and 6.50 having been used.
b Average number, 4 and 6.50 having been used.
c Average number, 4 and 5 having been used.
d Average number, 3.75 and 4 having been used.
e Average number, 3.75 and 10 having been used.
f Average number, 6.50 and 10 having been used.
g Made in 1888.
h Three-fourths of the yarn used were numbers 2.75 and 5, twisted; and one-fourth, number 2.75.
i Made in 1889.
j Average number, 2.50 and 4 having been used.
k Average number, 3 and 4.50 having been used.
l Average number, 2.75 and 4.75 having been used.
m Numbers 5.50 and 7.50, twisted, were used.
n Numbers 5.50 and 7.50, twisted, were used for face, and number 2.50 for back.
o Made in 1890.
p Made in 1891.
q Worsted, number 75; dyed worsted, 60; and cotton, 46.
r Worsted, number 90; dyed worsted, 80; and cotton, 46.
s Worsted, 56; dyed worsted, 12; and cotton, 6.
t Worsted, 50; dyed worsted, 12; and cotton, 6.
u Two-ply.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

II.—DESCRIPTION OF GOODS MADE—Continued.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound	Number of yarn.				Per inch.	
						Warp.		Weft.		Threads of warp.	Picks of weft.
						Wool.	Worsted.	Wool.	Worsted.		
82	21	United St's	Cheviot	54.00	.73	1.25	.....	1.50	.....	27	32
83	21	....do	Cheviot	54.00	.73	3.50	.....	3.50	.....	60	72
84	22	....do	Cheviot	54.00	.73	2.75	.....	2.75	.....	49	30
85	34	....do	Cheviot (*a*)	54.00	.73	2.81	.....	2.81	.....	24	24
86	23	....do	Cheviot	54.00	.70	1.13	.....	1.50	.....	33	31
87	13	....do	Cheviot	54.50	1.15	3.00	.....	3.00	.....	40	34
88	13	....do	Cheviot	54.50	.70	1.75	.....	1.75	.....	40	32
89	13	....do	Cheviot	54.50	.70	1.75	.....	1.75	.....	40	30
90	7	....do	Cloaking	54.00	.57	4.25	.....	4.75	.....	56	64
91	16	....do	Coating, sky blue	54.00	.73	3.63	.....	4.13	.....	64	67
92	42	Continent of Europe.	Diagonal cloth (*b*)	43.33	3.52	.....	70.00	.....	120.00	96	88
93	16	United St's	Doeskin, blue	54.00	.57	4.75	.....	4.00	.....	98	72
94	37	....do	Fancy shirting (*a*)	32.00	6.04	40.00*c*	.....	70.00	.....	72	90
95	37	....do	Fancy shirting (*a*)	36.00	5.17	(*d*)	.....	42.00	.....	64	63
96	14	....do	Flannel	22.00	6.81	5.25	.....	7.25	.....	33	30
97	14	....do	Flannel	24.00	5.82	5.25	.....	7.25	.....	34	30
98	14	....do	Flannel	25.00	5.33	5.25	.....	7.25	.....	38	32
99	1	....do	Flannel	26.00	3.88	4.25	.....	5.50	.....	39½	33
100	2	....do	Flannel	26.00	3.88	4.25	.....	5.50	.....	39½	33
101	14	....do	Flannel	27.00	4.92	5.25	.....	7.25	.....	38	36
102	8	....do	Flannel shirting	26.00	2.91	3.25	.....	3.50	.....	23	23
103	15	....do	Flannel, twilled	25.50	4.00	5.00	.....	8.00	.....	47	38
104	15	....do	Flannel, twilled	26.50	3.56	5.00	.....	7.00	.....	50	40
105	14	....do	Flannel, twilled	27.00	3.86	5.25	.....	7.25	.....	48	34
106	14	....do	Flannel, twilled	27.00	3.56	5.25	.....	7.25	.....	49	40
107	16	....do	Kersey	54.00	.57	4.50	.....	5.00	.....	89	79
108	12	....do	Ladies' dress goods	36.00	4.23	6.00	.....	5.75	.....	32	35
109	3	....do	Ladies' dress goods	36.00	3.77	5.50	.....	6.50	.....	36	32
110	5	....do	Ladies' dress goods	36.00	3.56	*e*5.50	.....	6.25	.....	34	34
111	10	....do	Ladies' dress goods	36.00	3.55	5.00	.....	6.00	.....	40	36
112	42	Continent of Europe.	Ladies' dress goods(*b*)	39.75	4.47	.....	(*f*)	.....	80.00	(*g*)	56
113	42	....do	Ladies' dress goods(*b*)	39.75	4.05	.....	70.00	.....	100.00	74	92
114	6	United St's	Ladies' dress goods	50.00	2.91	*e*5.50	.....	6.50	.....	38	36
115	9	....do	Ladies' dress goods	50.00	2.56	*e*5.25	.....	6.25	.....	32	40
116	46	Great Brit.	Ladies' dress goods(*a*)	54.00	1.33	(*h*)	(*h*)	(*h*)	(*h*)	(*h*)	(*h*)
117	11	United St's	Ladies' dress goods	54.00	1.00	5.00	.....	5.00	.....	80	72
118	43	Great Brit.	Ladies' dress goods(*b*)	56.00	2.30	5.23	.....	6.13	.....	(*h*)	44
119	43	....do	Ladies' dress goods(*b*)	56.00	1.09	3.96	.....	4.14	.....	(*h*)	36
120	17	United St's	Melton	27.00	1.52	2.06	.....	2.25	.....	40	50
121	42	Continent of Europe.	Merino (*b*)	46.90	3.04	.....	70.00	.....	120.00	62	162
122	42	....do	Merino (*b*)	47.25	2.76	.....	70.00	.....	125.00	64	192
123	42	....do	Merino (*b*)	47.67	2.54	.....	70.00	.....	130.00	64	222
124	42	....do	Merino (*b*)	47.67	2.42	.....	70.00	.....	140.00	64	254
125	42	....do	Merino (*b*)	52.00	2.07	.....	70.00	.....	140.00	64	282
126	42	....do	Muslin (*b*)	37.40	5.80	.....	75.00	.....	110.00	64	70
127	42	....do	Muslin (*b*)	37.80	6.53	.....	80.00	.....	100.00	58	56
128	42	....do	Muslin (*b*)	39.00	5.98	.....	(*i*)	.....	(*j*)	(*k*)	(*l*)
129	42	....do	Muslin (*b*)	39.40	5.59	.....	(*m*)	.....	120.00	(*n*)	74
130	42	....do	Muslin (*b*)	42.13	5.87	.....	80.00	.....	100.00	58	56
131	42	....do	Muslin (*b*)	42.13	5.09	.....	75.00	.....	100.00	60	70
132	42	....do	Muslin (*b*)	42.13	4.47	.....	75.00	.....	140.00	72	100

a Made in 1889.
b Made in 1890.
c Colored cotton yarn.
d Number 40 colored cotton yarn, and number 60 spun silk.
e In connection with the above, number 28 cotton yarn was also used.
f Worsted, number 70; and spun silk, 140.
g Worsted, 70; and spun silk, 14.
h Not reported.
i Worsted, number 80; and cotton, 60, two-ply.
j Worsted, number 100; and cotton, 60, two-ply
k Worsted, 56; and cotton, 8.
l Worsted, 48; and cotton, 8.
m Worsted, number 75; and cotton, 60, two-ply.
n Worsted, 46; and cotton, 18.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

III.—DESCRIPTION OF GOODS MADE—Continued.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound	Number of yarn.				Per inch.	
						Warp.		Weft.		Threads of warp.	Picks of weft.
						Wool.	Worsted.	Wool.	Worsted.		
133	42	Continent of Europe.	Muslin (*a*)	42.13	4.41	.....	75.00	.....	110.00	78	76
134	42	....do	Muslin (*a*)	42.50	4.28	.....	80.00	.....	170.00	74	136
135	42	....do	Nun's cloth (*a*)	38.60	7.35	.....	80.00	.....	100.00	52	48
136	42	....do	Nun's veiling (*a*) ..	38.20	5.78	.....	(*b*)	.....	120.00	(*c*)	74
137	42	....do	Nun's veiling (*a*) ..	39.00	5.41	.....	(*d*)	.....	100.00	(*e*)	62
138	42	....do	Nun's veiling (*a*) ..	39.40	5.42	.....	(*b*)	.....	100.00	(*f*)	62
139	21	United St's	Overcoating	54.00	1.07	8.00	.....	7.50	.....	70	56
140	7	....do	Overcoating	54.00	.57	4.25	.....	4.75	.....	60	58
141	24	....do	Overcoating	54.00	.50	*g* 3.75	.....	*h*5.33	.....	122	58
142	24	....do	Overcoating	54.00	.50	*g* 3.75	.....	4.00	.....	126	76
143	21	....do	Overcoating, kersey.	54.00	1.00	4.50	.....	7.00	.....	62	52
144	21	....do	Overcoating, kersey.	54.00	.59	(*i*)	.....	4.50	.....	85	66
145	22	....do	Overcoating, kersey.	54.00	.59	4.50	.....	4.50	.....	85	68
146	21	....do	Overcoating, melton.	54.00	1.14	4.50	.....	7.00	.....	53	52
147	22	....do	Overcoating, melton.	54.00	1.14	4.00	.....	6.00	.....	53	44
148	23	....do	Overcoating, melton.	54.00	1.14	4.00	.....	6.00	.....	48	44
149	22	....do	Overcoating, melton.	54.00	.70	3.25	.....	4.50	.....	62	52
150	22	....do	Overcoating, melton.	54.00	.70	2.75	.....	2.75	.....	48	44
151	23	....do	Overcoating, melton.	54.00	.70	3.50	.....	4.50	.....	64	68
152	21	....do	Overcoating, melton.	54.00	.66	3.50	.....	4.50	.....	67	68
153	41	....do	Piccadilly (*j*)	56.00	.62	4.00	.....	(*k*)	.....	86	66
154	36	....do	Plain black cloth(*j*)	54.00	.94	2.63	.....	3.00	.....	35	40
155	36	....do	Plain black cloth(*j*)	54.00	.84	2.25	.....	2.63	.....	40	40
156	36	....do	Plain black cloth(*j*)	54.00	.73	2.63	.....	2.63	.....	36	40
157	4	....do	Repellents	54.00	1.60	*l*28.00	.....	2.25	.....	55	28
158	42	Continent of Europe.	Serge (*a*)	40.50	3.84	.....	70.00	.....	105.00	96	74
159	42	....do	Serge (*a*)	40.90	3.51	.....	70.00	.....	(*m*)	98	84
160	42	....do	Serge (*a*)	41.33	3.23	.....	64.00	.....	90.00	98	82
161	42	....do	Serge (*a*)	43.33	3.02	.....	70.00	.....	110.00	100	114
162	42	....do	Serge (*a*)	48.00	3.26	.....	70.00	.....	105.00	96	74
163	42	....do	Serge (*a*)	48.40	2.97	.....	70.00	.....	100.00	98	84
164	42	....do	Serge (*a*)	48.80	2.74	.....	64.00	.....	90.00	98	82
165	42	....do	Serge (*a*)	48.80	2.70	.....	70.00	.....	110.00	100	114
166	42	....do	Serge (*a*)	52.75	2.50	.....	70.00	.....	110.00	98	114
167	27	United St's	Serge	54.00	1.19	5.00	.....	5.50	.....	52	48
168	14	....do	Suiting	27.00	3.76	5.25	.....	7.25	.....	49	36
169	16	....do	Suiting	54.00	1.07	5.13	.....	7.13	.....	55	72
170	7	....do	Suiting	54.00	.71	5.00	.....	6.00	.....	60	54
171	7	....do	Suiting	54.00	.67	4.50	.....	5.00	.....	60	58
172	7	....do	Suiting	54.00	.67	5.00	.....	6.00	.....	70	68
173	16	....do	Tweed	54.00	1.07	4.25	.....	6.75	.....	60	56

a Made in 1890.
b Worsted, number 75; and cotton, 60.
c Worsted, 50; and cotton, 14.
d Worsted, number 75; cotton, for border, 60; and cotton and worsted mixed, 72.
e Worsted, 58; and cotton and worsted mixed, 8.
f Worsted, 58; and cotton, 8.
g Average number, 2.50 and 5 having been used.
h Average number, 2.50 and 4 having been used.
i Number 5.50 was used for face, and 3.25 for back.
j Made in 1891.
k Numbers 1.50 and 4.50 were used.
l Cotton yarn.
m Numbers 100 and 120 were used.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

II.—DESCRIPTION OF GOODS MADE—Continued.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound	Number of yarn.				Per inch.	
						Warp.		Weft.		Threads of warp.	Picks of weft.
						Wool.	Worsted.	Wool.	Worsted.		
174	31	Great Brit.	Tweed	56.00	1.31	4.75	.....	4.75	.....	32	32
175	35	United St's	Worsted goods (*a*)	28.00	2.45	.....	*b* 36.00	.....	32.00	80	80
176	35	....do	Worsted goods (*a*)	28.00	2.26	.....	*b* 36.00	.....	15.00	64	60
177	35	....do	Worsted goods (*a*)	32.00	5.44	.....	*c* 50.00	.....	42.00	71	64
178	35	....do	Worsted goods (*a*)	34.50	5.25	.....	*c* 50.00	.....	44.00	71	64
179	42	Continent of Europe.	Worsted goods (*d*)	37.00	4.71	.....	(*e*)	.....	90.00	(*f*)	66
180	42	....do	Worsted goods (*d*)	38.60	4.55	.....	(*e*)	.....	90.00	(*g*)	66
181	35	United St's	Worsted goods (*a*)	45.00	4.38	.....	*c* 40.09	.....	70.00	82	100
182	30	....do	Worsted goods.....	54.00	1.33	.....	*b* 40.00	.....	*b* 40.00	60	64
183	24	....do	Worsted goods.....	54.00	1.10	.....	*b* 40.00	.....	*b* 40.00	100	80
184	24	....do	Worsted goods.....	54.00	1.00	.....	*b* 40.00	*h*6.00	.....	71	66
185	24	....do	Worsted goods.....	54.00	1.00	.....	*b* 40.00	*h*5.90	.....	98	54
186	24	....do	Worsted goods.....	54.00	1.00	.....	*b* 40.00	5.00	.....	98	70
187	30	....do	Worsted goods.....	54.00	1.00	.....	*b* 40.00	.....	*b* 40.00	70	74
188	24	....do	Worsted goods.....	54.00	.94	.....	*b* 40.00	5.00	.....	98	66
189	24	....do	Worsted goods.....	54.00	.94	.....	*b* 40.00	5.00	.....	98	64
190	53	....do	Worsted goods (*a*)	54.00	.92	.....	*b* 40.00	.....	*b* 40.00	74	80
191	24	....do	Worsted goods.....	54.00	.91	.....	*b* 40.00	*h*5.90	.....	98	58
192	24	....do	Worsted goods.....	54.00	.89	.....	*b* 40.00	*i*4.60	.....	65	64
193	39	....do	Worsted goods (*j*)	54.00	.88	.....	*b* 40.00	.....	*b* 40.00	70	74
194	23	....do	Worsted goods.....	54.00	.73	*k*3.50	*b* 40.00	*k*7.00	*l* 40.00	113	90
195	23	....do	Worsted goods.....	54.00	.73	.....	*b* 40.00	.....	*b* 40.00	133	96
196	21	....do	Worsted goods.....	54.00	.70	*k*5.75	*l* 40.00	.....	*b* 40.00	133	80
197	24	....do	Worsted goods.....	54.00	.67	4.00	*b* 40.00	*m*4.70	.....	97	92
198	24	....do	Worsted goods.....	54.00	.67	4.00	*b* 40.00	*m*4.68	.....	101	92
199	24	....do	Worsted goods.....	54.00	.67	4.00	*b* 40.00	*n*4.76	.....	97	92
200	24	....do	Worsted goods.....	54.00	.62	4.00	*b* 40.00	(*o*)	.....	100	94
201	13	....do	Worsted goods.....	55.00	1.28	.....	*b* 40.00	.....	*b* 40.00	75	66
202	13	....do	Worsted goods.....	55.00	1.10	.....	*b* 40.00	.....	*b* 40.00	105	80
203	13	....do	Worsted goods.....	55.00	1.10	.....	*b* 40.00	.....	*b* 40.00	81	80
204	13	....do	Worsted goods.....	55.00	1.00	.....	*b* 40.00	3.25	.....	93	46
205	13	....do	Worsted goods.....	55.00	1.00	.....	*b* 40.00	.....	*b* 40.00	101	84
206	13	....do	Worsted goods.....	55.00	.70	*k*3.50	*l* 40.00	(*p*)	.....	108	82
207	13	....do	Worsted goods.....	55.00	.70	*k*3.50	*l* 40.00	5.50	.....	128	80
208	13	....do	Worsted goods.....	55.00	.70	*k*3.50	*l* 40.00	(*q*)	.....	110	86
209	13	....do	Worsted goods.....	55.00	.70	*k*3.50	*l* 40.00	*k*5.50	*l* 40.00	122	82
210	13	....do	Worsted goods.....	55.00	.70	.....	*b* 40.00	(*r*)	.....	105	100
211	38	....do	Worsted goods (*d*)	56.00	1.04	.....	*b* 42.00	.....	*b* 42.00	96	64
212	20	....do	Worsted goods.....	56.00	.84	6.00	12.00	3.00	.....	72	40
213	46	Great Brit.	Worsted goods (*a*)	56.00	.80	.....	*b* 44.00	.....	16.00	(*s*)	104
214	38	United St's	Worsted goods (*d*)	56.00	.77	.....	*b* 42.00	.....	*b* 42.00	125	88

a Made in 1889.
b Two-ply.
c Cotton yarn.
d Made in 1890.
e Worsted, number 75; dyed worsted, 60; and cotton, 46.
f Worsted, 58; dyed worsted, 10; and cotton, 10.
g Worsted, 56; dyed worsted, 12; and cotton, 6.
h Average number, 5 and 6.50 having been used.
i Average number, 4 and 5 having been used.
j Made in 1888.
k Used for back.
l Two-ply; used for face.
m Average number, 3 and 6.50 having been used.
n Average number, 3, 5, and 6.50 having been used.
o Numbers 5 and 6.50 were used.
p Number 5.50 was used for face, and 3.50 for back.
q Numbers 3.50 and 5.50 were used.
r Number 5.50 was used for face, and 3 for back.
s Not reported.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

III.—DESCRIPTION OF GOODS MADE—Concluded.

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound	Number of yarn.				Per inch.	
						Warp.		Weft.		Threads of warp.	Picks of weft.
						Wool.	Worsted.	Wool.	Worsted.		
215	44	Great Brit.	Worsted goods (*a*)	56.00	.75	.....	*b* 28.00	.....	12.75	(*c*)	59
216	45	....do	Worsted goods (*d*)	58.00	.86	.....	*b* 48.00	.....	*b* 48.00	128	64
217	42	Continent of Europe.	Worsted goods (*d*)	63.00	.67	.....	*b* 40.00	.....	80.00	98	132

a Made in 1889.
b Two-ply.
c Not reported.
d Made in 1890.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

J.—SPINNING AND WEAVING.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain.]

Product number.	Establishment number.	Spinning.						Weaving.	
		Warp.			Weft.				
		Number of yarn.	Average spindles per mule.	Pounds per spindle per day of 10 hours.	Number of yarn.	Average spindles per mule.	Pounds per spindle per day of 10 hours.	Picks per minute.	Yards per loom per day of 10 hours.
1	42							165	19.09
2	42							(a)	(a)
3	42							(a)	(a)
4	42							(a)	(a)
5	42							(a)	(a)
6	42							(a)	(a)
7	41	2.00	(a)	(a)	.75	(a)	(a)	80	27.00
8	41				1.50	240	(a)	80	24.00
9	16	4.25	306	.4375	5.25	306	.3594	86	12.50
10	42							165	27.50
11	42							165	21.82
12	42							160	17.05
13	42							160	14.55
14	42							160	12.73
15	42							160	10.91
16	42							160	21.36
17	42							150	18.18
18	42							150	14.55
19	42							150	12.73
20	42							150	10.91
21	42							150	10.00
22	42							150	26.36
23	42							150	19.77
24	42							150	22.91
25	42							150	28.64
26	19	3.00	237	.4144	3.28	237	.4144	115	20.66
27	18	2.50	240	.4300	2.50	240	.4300	80	22.00
28	22	(b)	253	(b)	3.50	253	.3560	86	24.00
29	21	3.50	265	(a)	4.00	265	(a)	86	22.00
30	7	3.50	301	.5017	4.00	301	.4390	84	24.33
31	8	3.25	293	.3688	3.75	293	.3199	86	18.32
32	25	4.00	c 206	.2657	4.50	c 206	.2361	82	15.00
33	26	2.75	320	.5020	2.75	320	.6660	82	28.00
34	26	4.50	320	.3120	4.50	320	.3750	82	20.00
35	34	3.75	433	.2823	4.69	433	.3162	90	25.00
36	40	6.00	432	.2000	4.00	432	.3000	78	16.67
37	40	6.00	432	.2000	4.00	432	.3000	78	17.00
38	24	(d)	(e)	(d)	4.00	c 240	.1897	82	20.00
39	24	(d)	(e)	(d)	(f)	c 240	(f)	82	20.00
40	24	6.50	(e)	(g)	4.00	c 240	.1897	82	20.00
41	24	(d)	(e)	(d)	(h)	c 240	(h)	82	20.00
42	24	(d)	(e)	(d)	4.00	c 240	.1897	82	20.00
43	24	3.75	(e)	(i)	4.09	c 240	.1897	82	20.00
44	24	3.75	(e)	(i)	4.00	c 240	.1897	82	18.00
45	24	3.75	(e)	(i)	4.00	c 240	.1897	82	18.00
46	24	3.75	(e)	(i)	(h)	c 240	(h)	82	18.00
47	24	(j)	(e)	(j)	(h)	240	(h)	82	19.00
48	24	(k)	(e)	(k)	(f)	240	(f)	82	19.00
49	24	(l)	(e)	(l)	4.00	240	.1897	82	20.00
50	28	5.00	386	.2500	6.00	386	.2100	86	15.00

a Not reported.
b 0.3560 pounds were produced of number 3.50, and 0.2160 of 6.75.
c The yarn is spun on jacks.
d 0.1628 pounds were produced on jacks, and 0.1869 on mules of number 3.75; and 0.0935 on jacks, and 0.1078 on mules of number 6.50.
e Per jack, 240; per mule, 400.
f 0.1897 pounds were produced of number 4, and 0.1168 of 6.50.
g On jacks, 0.0935; on mules, 0.1078.
h 0.1897 pounds were produced of number 4, and 0.1518 of 5.
i On jacks, 0.1628; on mules, 0.1869.
j 0.1628 pounds were produced on jacks, and 0.1869 on mules of number 3.75; and 0.1526 on jacks, and 0.1752 on mules of number 4.
k 0.1628 pounds were produced on jacks, and 0.1869 on mules of number 3.75; and 0.0516 on jacks, and 0.0701 on mules of number 10.
l 0.0935 pounds were produced on jacks, and 0.1078 on mules of number 6.50; and 0.0516 on jacks, and 0.0701 on mules of number 10.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

J.—SPINNING AND WEAVING—Continued.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain.]

Product number.	Establishment number.	Spinning.						Weaving.	
		Warp.			Weft.				
		Number of yarn.	Average spindles per mule.	Pounds per spindle per day of 10 hours.	Number of yarn.	Average spindles per mule.	Pounds per spindle per day of 10 hours.	Picks per minute.	Yards per loom per day of 10 hours.
51	32	9.25	(a)	.1700	5.25	(a)	.2300	80	12.50
52	25	4.00	b 206	.2657	4.50	b 206	.2361	82	16.00
53	21	3.50	265	(a)	3.50	265	(a)	86	18.00
54	22	(c)	253	(c)	(c)	253	(c)	86	34.00
55	22	2.25	253	.6450	2.25	253	.6450	86	27.00
56	34	3.75	(a)	.2833	4.69	(a)	.3162	90	20.00
57	8	3.75	293	.3204	4.00	293	.2995	86	15.05
58	24	(d)	(e)	(d)	5.00	b 240	.1518	82	14.00
59	26	(f)	320	(f)	(g)	320	(g)	82	16.00
60	26	2.00	320	.6660	2.00	320	.7800	82	28.00
61	29	5.00	386	.2500	6.00	386	.2100	86	12.00
62	40	6.00	(a)	.2000	4.00	(a)	.3200	78	11.01
63	7	2.50	301	.7024	3.00	301	.5853	84	28.60
64	24	(d)	(e)	(d)	5.00	b 240	.1518	82	14.00
65	24	(d)	(e)	(d)	5.00	b 240	.1518	82	16.00
66	13	3.50	113	(a)	4.00	113	(a)	80	25.00
67	13	3.75	113	(a)	(h)	113	(a)	80	23.00
68	13	3.50	113	(a)	(i)	113	(a)	80	17.00
69	13	3.50	113	(a)	4.50	113	(a)	80	17.00
70	38							(j)	25.00
71	36	3.75	(a)	(a)	3.38	(a)	(a)	90	11.30
72	42							(a)	(a)
73	31	7.00	379	(a)	7.00	379	(a)	(k)	7.89
74	21	5.75	265	(a)	4.75	265	(a)	86	19.00
75	7	2.75	301	.6385	3.25	301	.5403	84	30.41
76	21	2.00	265	(a)	2.00	265	(a)	86	40.00
77	21	3.50	265	(a)	4.25	265	(a)	86	26.00
78	22	2.75	253	.5260	2.75	253	.5260	86	32.00
79	23	3.50	240	.5800	4.50	240	.4160	80	24.00
80	22	4.50	253	.3230	4.75	253	.3120	86	27.00
81	34	2.81	(a)	.3427	2.81	(a)	.3984	90	30.00
82	21	1.25	265	(a)	1.50	265	(a)	86	30.00
83	21	3.50	265	(a)	3.50	265	(a)	86	14.00
84	22	2.75	253	.5260	2.75	253	.5260	86	32.00
85	34	2.81	(a)	.3427	2.81	(a)	.3984	90	25.00
86	23	1.13	240	.6250	1.50	240	.5420	80	29.00
87	13	3.00	113	(a)	3.00	113	(a)	80	30.00
88	13	1.75	113	(a)	1.75	113	(a)	80	30.00
89	13	1.75	113	(a)	1.75	113	(a)	80	30.00
90	7	4.25	301	.4132	4.75	301	.3696	84	15.21
91	16	3.63	306	.4844	4.13	306	.4531	86	12.50
92	42							(a)	(a)
93	16	4.75	306	.3759	4.00	306	.4531	86	8.00
94	37							160	22.00
95	37							156	30.00
96	14	5.25	200	.2738	7.25	400	.2746	84	l 92.67
97	14	5.25	200	.2738	7.25	400	.2746	84	m 92.68
98	14	5.25	200	.2738	7.25	400	.2746	84	n 86.28

a Not reported.
b The yarn is spun on jacks.
c 0.5260 pounds were produced of number 2.75, and 0.2870 of 5.
d 0.2442 pounds were produced on jacks, and 0.2803 on mules of number 2.50; and 0.1526 on jacks, and 0.1752 on mules of number 4.
e Per jack, 240; per mule, 400.
f 0.4700 pounds were produced of number 3, and 0.3120 of 4.50.
g 0.6660 pounds were produced of number 2.75; of 4.75 the quantity produced was not reported.
h Numbers 5.50 and 7.50.
i Numbers 2.50, 5.50, and 7.50.
j 84 to 90.
k 49 to 52.
l The cloth after being woven, is divided into four strips, each 22 inches wide.
m The cloth after being woven, is divided into three strips, each 24 inches wide.
n The cloth after being woven, is divided into three strips, each 25 inches wide.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

J.—SPINNING AND WEAVING—Continued.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain.]

Product number.	Establishment number.	Spinning.						Weaving.	
		Warp.			Weft.				
		Number of yarn.	Average spindles per mule.	Pounds per spindle per day of 10 hours.	Number of yarn.	Average spindles per mule.	Pounds per spindle per day of 10 hours.	Picks per minute.	Yards per loom per day of 10 hours.
99	1	4.25	320	.3800	5.50	320	.3000	75	*a* 80.00
100	2	4.25	312	.4000	5.50	312	.4400	75	*a* 75.00
101	14	5.25	200	.2738	7.25	400	.2746	84	*b* 76.34
102	8	3.25	293	.3691	3.50	293	.3453	86	*c* 73.28
103	15	5.00	220	.4125	8.00	220	.2580	74	*d* 82.79
104	15	5.00	220	.4125	7.00	220	.2949	74	*e* 73.11
105	14	5.25	200	.2738	7.25	400	.2746	84	*b* 81.79
106	14	5.25	200	.2738	7.25	400	.2746	86	*b* 41.32
107	16	4.50	306	.4375	5.00	306	.3750	86	10.00
108	12	6.00	200	.2312	5.75	200	.2479	85	*f* 60.57
109	3	5.50	278	.2450	6.50	278	.2450	85	*f* 66.00
110	5	5.50	275	.2020	6.25	275	.1860	84	*f* 74.17
111	10	5.00	325	.2723	6.00	325	.2723	87	*f* 61.80
112	42							(*g*)	(*g*)
113	42							(*g*)	(*g*)
114	6	5.50	336	.1994	6.50	336	.1994	80	*h* 40.36
115	9	5.25	240	.2590	6.25	240	.2134	86	33.17
116	46							80	16.52
117	11	5.00	220	.1416	5.00	220	.1416	96	16.62
118	43	5.23	(*g*)	(*g*)	6.13	(*g*)	(*g*)	92	(*g*)
119	43	3.96	(*g*)	(*g*)	4.14	(*g*)	(*g*)	75	(*g*)
120	17	2.06	340	.6850	2.25	340	.6950	90	(*g*)
121	42							150	13.64
122	42							150	11.82
123	42							150	10.09
124	42							150	9.09
125	42							135	7.73
126	42							(*g*)	(*g*)
127	42							(*g*)	(*g*)
128	42							(*g*)	(*g*)
129	42							(*g*)	(*g*)
130	42							(*g*)	(*g*)
131	42							(*g*)	(*g*)
132	42							(*g*)	(*g*)
133	42							(*g*)	(*g*)
134	42							(*g*)	(*g*)
135	42							(*g*)	(*g*)
136	42							(*g*)	(*g*)
137	42							(*g*)	(*g*)
138	42							(*g*)	(*g*)
139	21	8.00	265	(*g*)	7.50	265	(*g*)	86	18.50
140	7	4.25	301	.4132	4.75	301	.3696	84	16.78
141	24	(*i*)	(*j*)	(*i*)	(*k*)	*l* 240	(*k*)	82	18.00
142	24	(*i*)	(*j*)	(*i*)	4.00	*l* 240	.1897	82	15.00
143	21	4.50	265	(*g*)	7.00	265	(*g*)	86	18.00
144	21	(*m*)	265	(*g*)	4.50	265	(*g*)	86	15.00
145	22	4.50	253	.3230	4.50	253	.3230	86	16.00
146	21	4.50	265	(*g*)	7.00	265	(*g*)	86	18.00
147	22	4.00	253	.3590	6.00	253	.2310	86	24.00
148	23	4.00	240	.5000	6.00	240	.3750	80	22.00
149	22	3.25	253	.4060	4.50	253	.3230	86	21.00

a The cloth after being woven, is divided into three strips, each 26 inches wide.
b The cloth after being woven, is divided into three strips, each 27 inches wide.
c The cloth after being woven, is divided into two strips, each 26 inches wide.
d The cloth after being woven, is divided into three strips, each 25.50 inches wide.
e The cloth after being woven, is divided into three strips, each 26.50 inches wide.
f The cloth after being woven, is divided into two strips, each 36 inches wide.
g Not reported.
h The cloth after being woven, is divided into two strips, each 50 inches wide.
i 0.2442 pounds were produced on jacks, and 0.2803 on mules of number 2.50; and 0.1031 on jacks and 0.1402 on mules of number 5.
j Per jack, 240; per mule, 400.
k 0.3036 pounds were produced of number 2.50, and 0.1897 of 4.
l The yarn is spun on jacks.
m Numbers 3.25 and 5.50.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

J.—SPINNING AND WEAVING—Continued.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain.]

Product number.	Establishment number.	Spinning.						Weaving.	
		Warp.			Weft.				
		Number of yarn.	Average spindles per mule.	Pounds per spindle per day of 10 hours.	Number of yarn.	Average spindles per mule.	Pounds per spindle per day of 10 hours.	Picks per minute.	Yards per loom per day of 10 hours.
150	22	2.75	253	.5260	2.75	253	.5260	86	24.00
151	23	3.50	240	.5800	4.50	240	.4160	80	14.00
152	21	3.50	265	(a)	4.50	265	(a)	86	13.00
153	41	4.00	(a)	(a)	(b)	(a)	(a)	88	13.50
154	36	2.63	1128	(a)	3.00	720	(a)	90	19.30
155	36	2.25	1128	.3872	2.63	720	.7424	90	19.05
156	36	2.63	1128	(a)	2.63	720	.7424	90	19.30
157	4				2.25	250	.4300	106	35.76
158	42							165	31.82
159	42							165	28.18
160	42							165	28.64
161	42							160	21.82
162	42							150	29.09
163	42							150	25.45
164	42							150	25.45
165	42							150	18.18
166	42							140	17.27
167	27	5.00	520	.1750	5.50	520	.1850	82	17.50
168	14	5.25	200	.2738	7.25	400	.2746	84	c 85.94
169	16	5.13	306	.3750	7.13	306	.3125	86	10.00
170	7	5.00	301	.3512	6.00	301	.2926	84	18.05
171	7	4.50	301	.4132	5.00	301	.3512	84	16.78
172	7	5.00	301	.3512	6.00	301	.2926	84	14.31
173	16	4.25	306	.4375	6.75	306	.2813	86	15.00
174	31	4.75	379	(a)	4.75	379	(a)	(d)	12.63
175	35	36.00	(a)	.4150	32.00	(a)	.3500	120	23.82
176	35	36.00	(a)	.4150	15.00	(a)	.8730	140	25.46
177	35	c 50.00	(a)	.0810	42.00	(a)	.1900	155	25.38
178	35	c 50.00	(a)	.0810	44.00	(a)	.1730	155	23.82
179	42							(a)	(a)
180	42							(a)	(a)
181	35	c 50.00	(a)	.0810				150	18.62
182	30							90	15.00
183	24							82	13.00
184	24				(f)	g 240	(f)	82	14.50
185	24				(f)	g 240	(f)	82	17.50
186	24				5.00	g 240	.1518	82	14.00
187	30							90	13.00
188	24				5.00	g 240	.1518	82	16.00
189	24				5.00	g 240	.1518	82	15.00
190	33							75	10.00
191	24				(f)	g 240	(f)	82	16.50
192	24				(h)	g 240	(h)	82	15.00
193	39							80	11.00
194	23	3.50	240	.5800	7.00	240	.3750	80	12.00
195	23							80	11.00
196	21	5.75	265	(a)				86	13.00
197	24	4.00	(i)	(j)	(k)	g 240	(k)	82	11.00
198	24	4.00	(i)	(j)	(k)	g 240	(k)	82	11.00
199	24	4.00	(i)	(j)	(l)	g 240	(l)	82	10.50
200	24	4.00	(i)	(j)	(f)	g 240	(f)	82	11.00

a Not reported.
b Numbers 1.50 and 4.50.
c The cloth after being woven, is divided into three strips, each 27 inches wide.
d 49 to 52.
e Cotton yarn.
f 0.1518 pounds were produced of number 5, and 0.1168 of 6.50.
g The yarn is spun on jacks.
h 0.1897 pounds were produced of number 4, and 0.1518 of 5.
i Per jack, 240; per mule, 400.
j On jacks, 0.1526; on mules, 0.1752.
k 0.2530 pounds were produced of number 3, and 0.1168 of 6.50.
l 0.2530 pounds were produced of number 3, 0.1518 of 5, and 0.1168 of 6.50.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

J.—SPINNING AND WEAVING—Concluded.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain.]

Product number.	Establishment number.	Spinning.						Weaving.	
		Warp.			Weft.				
		Number of yarn.	Average spindles per mule.	Pounds per spindle per day of 10 hours.	Number of yarn.	Average spindles per mule.	Pounds per spindle per day of 10 hours.	Picks per minute.	Yards per loom per day of 10 hours.
201	13	.....	.....	.....	.....	.....	.....	80	16.00
202	13	.....	.....	.....	.....	.....	.....	80	11.50
203	13	.....	.....	.....	.....	.....	.....	80	11.50
204	13	.....	.....	.....	3.25	113	(a)	80	20.00
205	13	.....	.....	.....	.....	.....	.....	80	12.00
206	13	3.50	113	(a)	(b)	113	(a)	80	13.00
207	13	3.50	113	(a)	5.50	113	(a)	80	12.50
208	13	3.50	113	(a)	(b)	113	(a)	80	12.00
209	13	3.50	113	(a)	5.50	113	(a)	80	13.00
210	13	.....	.....	.....	(c)	113	(a)	80	10.00
211	38	.....	.....	.....	.....	.....	.....	(d)	14.00
212	20	.....	.....	.....	3.00	312	.8019	92	25.00
213	46	.....	.....	.....	.....	.....	.....	110	17.14
214	38	.....	.....	.....	.....	.....	.....	(d)	10.00
215	44	.....	.....	.....	.....	.....	.....	114	19.82
216	45	48.00	(a)	(a)	48.00	(a)	(a)	80	10.00
217	42	.....	.....	.....	.....	.....	.....	(a)	(a)

a Not reported.
b Numbers 3.50 and 5.50.
c Numbers 3 and 5.50.
d 84 to 90.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF MATERIALS IN ONE YARD.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain.]

Product number.	Establishment number.	Gross.						Value of waste.	Net total.
		Wool.	Yarn (bought).	Shoddy.	Dye.	Other.	Total.		
1	42	.....	*a* $0.1446	.....	.....	.....	*a* $0.1446	(*b*)	$0.1446
2	42	.....	*a* .1395	.....	.....	.....	*a* .1395	(*b*)	.1395
3	42	.....	*a* .1420	.....	.....	.....	*a* .1420	(*b*)	.1420
4	42	.....	*a* .2016	.....	.....	.....	*a* .2016	(*b*)	.2016
5	42	.....	*a* .2041	.....	.....	.....	*a* .2041	(*b*)	.2041
6	42	.....	*a* .1413	.....	.....	.....	*a* .1413	(*b*)	.1413
7	41	*a* $0.9500	.....	.....	*a* $0.0530	.....	*a* 1.0030	(*b*)	1.0030
8	41	*a* .5000	*a*, *c* .1300	.....	.....	.....	*a* .6300	(*b*)	.6300
9	16	*a* .7900	.....	.....	*a* .1600	.....	*a* .9500	(*b*)	.9500
10	42	.....	*a* .1091	.....	.....	.....	*a* .1091	(*b*)	.1091
11	42	.....	*a* .1282	.....	.....	.....	*a* .1282	(*b*)	.1282
12	42	.....	*a* .1467	.....	.....	.....	*a* .1467	(*b*)	.1467
13	42	.....	*a* .1638	.....	.....	.....	*a* .1638	(*b*)	.1638
14	42	.....	*a* .1837	.....	.....	.....	*a* .1837	(*b*)	.1837
15	42	.....	*a* .2068	.....	.....	.....	*a* .2068	(*b*)	.2068
16	42	.....	*a* .1357	.....	.....	.....	*a* .1357	(*b*)	.1357
17	42	.....	*a* .1469	.....	.....	.....	*a* .1469	(*b*)	.1469
18	42	.....	*a* .1665	.....	.....	.....	*a* .1665	(*b*)	.1665
19	42	.....	*a* .1863	.....	.....	.....	*a* .1863	(*b*)	.1863
20	42	.....	*a* .2090	.....	.....	.....	*a* .2090	(*b*)	.2090
21	42	.....	*a* .2333	.....	.....	.....	*a* .2333	(*b*)	.2333
22	42	.....	*a* .1534	.....	.....	.....	*a* .1534	(*b*)	.1534
23	42	.....	*a* .1848	.....	.....	.....	*a* .1848	(*b*)	.1848
24	42	.....	*a* .1275	.....	.....	.....	*a* .1275	(*b*)	.1275
25	42	.....	*a* .2345	.....	.....	.....	*a* .2345	(*b*)	.2345
26	19	.1321	.0028	.....	.0208	*d* $0.1132	.2689	$0.0024	.2665
27	18	.3905	.....	$0.0803	.0308	*e* .0223	.5239	.....	.5239
28	22	*f* .8240	.....	(*f*)	.0620	(*f*)	.8860	.0408	.8452
29	21	*a* .7345	.....	.....	*a* .0558	.....	*a* .7903	(*b*)	.7903
30	7	.3054	.0897	.0765	.0205	.....	.4921	.0223	.4698
31	8	.2216	.0490	.1612	.0093	.....	.4411	.0022	.4389
32	25	.5743	.....	.....	.0488	*g* .1758	.7989	.0076	.7913
33	26	*a* .8550	.....	.....	*a* .0200	.....	*a* .8750	(*b*)	.8750
34	26	*a* .9500	.....	.....	*a* .0300	.....	*a* .9800	(*b*)	.9800
35	34	.6900	.....	.....	.0270	.....	.7170	(*h*)	*i* .7170
36	40	.9703	.....	.....	.0530	.....	1.0233	.0500	.9733
37	40	*a* .9198	.....	.....	*a* .0529	*a*, *j* .1200	*a* 1.0927	(*b*)	1.0927
38	24	*a* 1.1201	.....	.....	*a* .0528	.....	*a* 1.1729	(*b*)	1.1729
39	24	*a* .9716	.....	.....	*a* .0458	.....	*a* 1.0174	(*b*)	1.0174
40	24	*a* .9581	.....	.....	*a* .0452	.....	*a* 1.0033	(*b*)	1.0033
41	24	*a* 1.1352	.....	.....	*a* .0535	.....	*a* 1.1887	(*b*)	1.1887
42	24	*a* .9636	.....	.....	*a* .0454	.....	*a* 1.0090	(*b*)	1.0090
43	24	*a* 1.0433	.....	.....	*a* .0492	.....	*a* 1.0925	(*b*)	1.0925
44	24	*a* .9405	.....	.....	*a* .0443	.....	*a* .9848	(*b*)	.9848
45	24	*a* .9460	.....	.....	*a* .0447	*a*, *j* .2345	*a* 1.2252	(*b*)	1.2252
46	24	*a* 1.0498	.....	.....	*a* .0495	*a*, *j* .1147	*a* 1.2140	(*b*)	1.2140
47	24	*a* 1.0021	.....	.....	*a* .0472	*a*, *j* .1732	*a* 1.2225	(*b*)	1.2225
48	24	*a* 1.0200	.....	.....	*a* .0481	*a*, *j* .1280	*a* 1.1961	(*b*)	1.1961
49	24	*a* 1.1254	.....	.....	*a* .0530	.....	*a* 1.1784	(*b*)	1.1784
50	28	1.0460	.....	.....	.0536	.....	1.0996	.0500	1.0496
51	32	*a* .8375	.....	.....	*a* .0635	.....	*a* .9010	(*b*)	.9010
52	25	.6930	.....	.....	.0609	*g* .2122	.9661	.0091	.9570
53	21	*a* 1.0430	.....	.....	*a* .0782	.....	*a* 1.1212	(*b*)	1.1212
54	22	*f*. 6551	.....	(*f*)	.0404	(*f*)	.6955	.0325	.6630
55	22	*f*. 7392	.....	(*f*)	.0512	(*f*)	.7904	.0366	.7538

a Net cost.
b The value of waste has already been deducted.
c Cotton yarn.
d Of this amount $0.0755 was paid for wool waste, and $0.0377 for cotton.
e The expenditure was for silk waste.
f The expenditures for shoddy and other materials are inseparably combined with those for wool.
g The expenditure was for garnetted waste.
h Not reported.
i Gross cost.
j The expenditure was for silk.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF MATERIALS IN ONE YARD—Continued.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain.]

Product number.	Establishment number.	Gross.						Value of waste.	Net total.
		Wool.	Yarn (bought).	Shoddy.	Dye.	Other.	Total.		
56	34	*a* $0.8513	.....	.....	*a* $0.0433	.....	*a* $0.8946	(*b*)	$0.8946
57	8	.2853	$0.0580	$0.1224	.0152	*c* $0.0489	.5298	$0.0036	.5262
58	24	*a* 1.5995	.....	.....	*a* .0753	.....	*a* 1.6748	(*b*)	1.6748
59	26	*a* 1.3828	.....	.....	*a* .0598	.....	*a* 1.4426	(*b*)	1.4426
60	26	*a* 1.1250	.....	.....	*a* .0342	.....	*a* 1.1592	(*b*)	1.1592
61	29	1.3775	.....	.....	.0659	.....	1.4434	.0750	1.3684
62	40	1.4250	.....	.....	.0738	.....	1.4988	.0750	1.4238
63	7	.4677	.1374	.1171	.0174	.....	.7396	.0342	.7054
64	24	*a* 1.4373	.....	.....	*a* .0677	.....	*a* 1.5050	(*b*)	1.5050
65	24	*a* 1.5729	.....	.....	*a* .0741	.....	*a* 1.6470	(*b*)	1.6470
66	13	*a* .7247	.....	.....	*a* .0152	.....	*a* .7399	(*b*)	.7399
67	13	*a* .8631	.....	.....	*a* .0153	.....	*a* .8784	(*b*)	.8784
68	13	*a* 1.2106	.....	.....	*a* .0246	.....	*a* 1.2352	(*b*)	1.2352
69	13	*a* 1.1281	.....	.....	*a* .0245	.....	*a* 1.1526	(*b*)	1.1526
70	38	.....	*a*, *d* .7874	.....	.....	.....	*a* .7874	(*b*)	.7874
71	36	*a* .8000	.....	.....	*a* .0600	.....	*a* .8600	(*b*)	.8600
72	42	.....	*a*, *e* .1302	.....	.....	.....	*a* .1302	(*b*)	.1302
73	31	*a* .7300	.....	.....	.....	.....	*a* .7300	(*b*)	.7300
74	21	.....	*a* .3390	.....	*a* .0743	*a*, *f* .4826	*a* .8959	(*b*)	.8959
75	7	.2769	.0813	.0693	.0164	.....	.4439	.0202	.4237
76	21	*a* .5112	.....	.....	*a* .0293	.....	*a* .5405	(*b*)	.5405
77	21	*a* .7112	.....	.....	*a* .0558	.....	*a* .7670	(*b*)	.7670
78	22	*g* .5041	.....	(*g*)	.0404	(*g*)	.5445	.0250	.5195
79	22	*a* .5898	.....	.....	*a* .0558	.....	*a* .6456	(*b*)	.6456
80	22	*g* .5628	.....	(*g*)	.0539	(*g*)	.6167	.0279	.5888
81	34	*a* .4813	.....	.....	*a* .0257	.....	*a* .5070	(*b*)	.5070
82	21	*a* .5930	.....	.....	*a* .0447	.....	*a* .6377	(*b*)	.6377
83	21	*a* .8030	.....	.....	*a* .1006	.....	*a* .9036	(*b*)	.9036
84	22	*g* .7392	.....	(*g*)	*a* .0404	(*g*)	.7796	.0366	.7430
85	34	*a* .5806	.....	.....	*a* .0270	.....	*a* .6076	(*b*)	.6076
86	23	*a* .6106	.....	.....	*a* .0433	.....	*a* .6539	(*b*)	.6539
87	13	*a* .5671	.....	.....	*a* .0144	.....	*a* .5815	(*b*)	.5815
88	13	*a* .7660	.....	.....	*a* .0135	.....	*a* .7795	(*b*)	.7795
89	13	*a* .5610	.....	.....	*a* .0127	.....	*a* .5737	(*b*)	.5737
90	7	.6140	.....	.1537	.0328	.....	.8005	.0449	.7556
91	16	*a* .9700	.....	.....	*a* .0700	.....	*a* 1.0400	(*b*)	1.0400
92	42	.....	*a* .1528	.....	.....	.....	*a* .1528	(*b*)	.1528
93	16	*a* 1.4600	.....	.....	*a* .1760	.....	*a* 1.6360	(*b*)	1.6360
94	37	.....	*a*, *h* .1474	.....	.....	.....	*a* .1474	(*b*)	.1474
95	37	.....	*a*, *i* .1984	.....	.....	.....	*a* .1984	(*b*)	.1984
96	14	.1084	.....	.....	.0045	.....	.1129	.0005	.1124
97	14	.1268	.....	.....	.0053	.....	.1321	.0006	.1315
98	14	.1383	.....	.....	.0058	.....	.1441	.0006	.1435
99	1	.1330	.....	.....	.0037	.....	.1367	.0003	.1364
100	2	.1270	.....	.....	.0005	.....	.1275	.0003	.1272
101	14	.1498	.....	.....	.0063	.....	.1561	.0007	.1554
102	8	.0301	.....	.....	.0032	*c* .0520	.0853	.0007	.0846
103	15	.1869	.....	.....	.0081	.....	.1950	.0020	.1930
104	15	.1955	.....	.....	.0084	.....	.2039	.0021	.2018
105	14	.1913	.....	.....	.0080	.....	.1993	.0008	.1985
106	14	.2074	.....	.....	.0087	.....	.2161	.0009	.2152
107	16	*a* 1.4800	.....	.....	*a* .1160	.....	*a* 1.5960	(*b*)	1.5960
108	12	.1719	.....	.....	.0145	.....	.1864	.0046	.1818
109	3	.2040	.....	.....	.0099	.....	.2139	.0019	.2120
110	5	.1656	*j* .0095	.0017	.0161	*k* .0023	.1952	.0002	.1950

a Net cost.
b The value of waste has already been deducted.
c The expenditure was for cotton.
d The yarn was bought already dyed.
e Of this amount $0.1116 was paid for worsted, and $0.0186 for cotton.
f The expenditure was for wool stock.
g The expenditures for shoddy and other materials are inseparably combined with those for wool.
h Of this amount $0.0251 was paid for colored cotton, and $0.1223 for wool.
i Of this amount $0.0241 was paid for colored cotton, $0.1181 for wool, and $0.0562 for spun silk.
j Cotton yarn.
k The expenditure was for colored cotton.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF MATERIALS IN ONE YARD—Continued.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain.]

Product number.	Establishment number.	Gross.						Value of waste.	Net total.
		Wool.	Yarn (bought).	Shoddy.	Dye.	Other.	Total.		
111	10	$0.1964	.....	.....	$0.0157	.....	$0.2121	$0.0002	$0.2119
112	42	.....	a, b $0.1515	.....	.....	.....	a .1515	(c)	.1515
113	42	.....	a .1235	.....	.....	.....	a .1235	(c)	.1235
114	6	.1178	d .0084	$0.0031	.0051	e $0.0283	.1627	.0003	.1624
115	9	.1709	d .0113	.....	.0056	e .0210	.2088	.0009	.2079
116	46	.....	a .4834	.....	a .0296	.....	a .5130	(c)	.5130
117	11	.7563	.....	.....	.0421	.....	.7984	.0076	.7908
118	43	a .2391	.....	.....	.....	.....	a .2391	(c)	.2391
119	43	a .4482	.....	.....	.....	.....	a .4482	(c)	.4482
120	17	.1323	.....	.1080	.....	.....	.2403	.0002	.2401
121	42	.....	a .1778	.....	.....	.....	a .1778	(c)	.1778
122	42	.....	a .2030	.....	.....	.....	a .2030	(c)	.2030
123	42	.....	a .2299	.....	.....	.....	a .2299	(c)	.2299
124	42	.....	a .2528	.....	.....	.....	a .2528	(c)	.2528
125	42	.....	a .3004	.....	.....	.....	a .3004	(c)	.3004
126	42	.....	a .0899	.....	.....	.....	a .0899	(c)	.0899
127	42	.....	a .0774	.....	.....	.....	a .0774	(c)	.0774
128	42	.....	a, f .0851	.....	.....	.....	a .0851	(c)	.0851
129	42	.....	a, g .0973	.....	.....	.....	a .0973	(c)	.0973
130	42	.....	a .0994	.....	.....	.....	a .0994	(c)	.0994
131	42	.....	a .1161	.....	.....	.....	a .1161	(c)	.1161
132	42	.....	a .1555	.....	.....	.....	a .1555	(c)	.1555
133	42	.....	a .1403	.....	.....	.....	a .1403	(c)	.1403
134	42	.....	a .2190	.....	.....	.....	a .2190	(c)	.2190
135	42	.....	a .0687	.....	.....	.....	a .0687	(c)	.0687
136	42	.....	a, h .0922	.....	.....	.....	a .0922	(c)	.0922
137	42	.....	a, i .0961	.....	.....	.....	a .0961	(c)	.0961
138	42	.....	a, j .0940	.....	.....	.....	a .0940	(c)	.0940
139	21	a 1.0911	.....	.....	a .0782	.....	a 1.1693	(c)	1.1693
140	7	.6140	.....	.1537	.0296	.....	.7973	.0449	.7524
141	24	a 1.8222	.....	.....	a .0859	.....	a 1.9081	(c)	1.9081
142	24	a 1.9043	.....	.....	a .0897	.....	a 1.9940	(c)	1.9940
143	21	a 1.1586	.....	.....	a .0726	.....	a 1.2312	(c)	1.2312
144	21	a 1.2801	.....	.....	a .0911	.....	a 1.3712	(c)	1.3712
145	22	k 1.1284	.....	(k)	.0916	(k)	1.2200	.0559	1.1641
146	21	a .7637	.....	.....	a .0726	.....	a .8363	(c)	.8363
147	22	k .8702	.....	(k)	.0593	(k)	.9295	.0431	.8864
148	23	a .7938	.....	.....	a .0614	.....	a .8552	(c)	.8552
149	22	k 1.5118	.....	(k)	.0700	(k)	1.5818	.0570	1.5248
150	22	k .8678	.....	(k)	.0593	(k)	.9271	.0430	.8841
151	23	a 1.0578	.....	.....	a .0950	.....	a 1.1528	(c)	1.1528
152	21	a 1.1475	.....	.....	a .0949	.....	a 1.2424	(c)	1.2424
153	41	a .8700	.....	.....	a .0610	.....	a .9310	(c)	.9310
154	36	a .1875	.....	.....	a .0313	a, l .2938	a .5126	(c)	.5126
155	36	.2191	.....	.....	.0350	l .3284	.5825	.0096	.5729
156	36	a .2426	.....	.....	a .0405	a, l .3802	a .6633	(c)	.6633
157	4	.1148	d .0710	.0059	.0043	m .0026	.1986	.0003	.1983
158	42	.....	a .1356	.....	.....	.....	a .1356	(c)	.1356
159	42	.....	a .1555	.....	.....	.....	a .1555	(c)	.1555
160	42	.....	a .1592	.....	.....	.....	a .1592	(c)	.1592
161	42	.....	a .1816	.....	.....	.....	a .1816	(c)	.1816
162	42	.....	a .1598	.....	.....	.....	a .1598	(c)	.1598
163	42	.....	a .1835	.....	.....	.....	a .1835	(c)	.1835

a Net cost.
b Of this amount $0.1110 was paid for worsted, and $0.0405 for spun silk.
c The value of waste has already been deducted.
d Cotton yarn.
e The expenditure was for colored cotton.
f Of this amount $0.0729 was paid for worsted, and $0.0122 for cotton.
g Of this amount $0.0827 was paid for worsted, and $0.0146 for cotton.
h Of this amount $0.0836 was paid for worsted, and $0.0086 for cotton.
i Of this amount $0.0862 was paid for worsted, $0.0012 for cotton for border, and $0.0087 for cotton and worsted mixed.
j Of this amount $0.0887 was paid for worsted, and $0.0053 for cotton.
k The expenditures for shoddy and other materials are inseparably combined with those for wool.
l The expenditure was for wool stock.
m The expenditure was for cotton.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF MATERIALS IN ONE YARD—Concluded.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain.]

Product number.	Establishment number.	Gross.						Value of waste.	Net total.
		Wool.	Yarn (bought).	Shoddy.	Dye.	Other.	Total.		
164	42	----------	*a* $0.1877	----------	----------	----------	*a* $0.1877	(*b*)	$0.1877
165	42	----------	*a* .2038	----------	----------	----------	*a* .2038	(*b*)	.2038
166	42	----------	*a* .2191	----------	----------	----------	*a* .2191	(*b*)	.2191
167	27	$0.3689	----------	----------	$0.0226	*c* $0.2010	.5925	$0.0097	.5828
168	14	.1959	----------	----------	.0082	----------	.2041	.0008	.2033
169	16	*a* .8750	----------	----------	*a* .1198	----------	*a* .9948	(*b*)	.9948
170	7	.4296	.1262	$0.1075	.0277	----------	.6910	.0314	.6596
171	7	.4586	.1347	.1148	.0296	----------	.7377	.0335	.7042
172	7	.4586	.1347	.1148	.0349	----------	.7430	.0335	.7095
173	16	*a* .7700	----------	----------	*a* .0400	----------	*a* .8100	(*b*)	.8100
174	31	*a* .5386	----------	----------	----------	----------	*a* .5386	(*b*)	.5386
175	35	*a* .1988	----------	----------	*a* .0084	----------	*a* .2072	(*b*)	.2072
176	35	*a* .2156	----------	----------	*a* .0095	----------	*a* .2251	(*b*)	.2251
177	35	*a* .0716	----------	----------	*a* .0081	*a, d* .0090	*a* .0887	(*b*)	.0887
178	35	*a* .0739	----------	----------	*a* .0084	*a, d* .0098	*a* .0921	(*b*)	.0921
179	42	----------	*a, e* .1135	----------	----------	----------	*a* .1135	(*b*)	.1135
180	42	----------	*a, f* .1185	----------	----------	----------	*a* .1185	(*b*)	.1185
181	35	----------	*a* .1667	----------	*a* .0100	*a, d* .0145	*a* .1912	(*b*)	.1912
182	30	----------	*g* .9788	----------	----------	----------	.9788	.0388	.9400
183	24	----------	*a* 1.5608	----------	*a* .0402	----------	*a* 1.6010	(*b*)	1.6010
184	24	*a* .5791	*a* .5542	----------	*a* .0416	*a, h* .1690	*a* 1.3439	(*b*)	1.3439
185	24	*a* .4678	*a* .7621	----------	*a* .0417	*a, h* .1003	*a* 1.3719	(*b*)	1.3719
186	24	*a* .4961	*a* .7622	----------	*a* .0430	*a, h* .2709	*a* 1.5722	(*b*)	1.5722
187	30	----------	*g* 1.4400	----------	----------	----------	1.4400	.0600	1.3800
188	24	*a* .4717	*a* .7679	----------	*a* .0420	*a, h* .1240	*a* 1.4056	(*b*)	1.4056
189	24	*a* .4328	*a* .7376	----------	*a* .0394	*a, h* .0056	*a* 1.2154	(*b*)	1.2154
190	33	----------	1.5000	----------	.0750	----------	1.5750	.0600	1.5150
191	24	*a* .5263	*a* .7620	----------	*a* .0445	*a, h* .1117	*a* 1.4445	(*b*)	1.4445
192	24	*a* .6474	*a* .5079	----------	*a* .0436	*a, h* .2438	*a* 1.4427	(*b*)	1.4427
193	39	----------	1.2000	----------	.0500	*h* .1200	1.3700	.0400	1.3300
194	23	*a* .3219	*a* 1.3815	----------	*a* .1257	*a, h* .0926	*a* 1.9217	(*b*)	1.9217
195	23	----------	*a* 2.0511	----------	*a* .1340	*a, h* .1050	*a* 2.2901	(*b*)	2.2901
196	21	*a* .4582	*a* 1.1832	----------	*a* .1117	*a, h* .1028	*a* 1.8559	(*b*)	1.8559
197	24	*a, i* 1.5445	(*i*)	----------	*a* .0614	*a, h* .1196	*a* 1.7255	(*b*)	1.7255
198	24	*a, i* 1.5920	(*i*)	----------	*a* .0632	*a, h* .1098	*a* 1.7650	(*b*)	1.7650
199	24	*a* 1.1045	*a* .5334	----------	*a* .0658	*a, h* .1037	*a* 1.8074	(*b*)	1.8074
200	24	*a* 1.1122	*a* .5443	----------	*a* .0665	----------	*a* 1.7230	(*b*)	1.7230
201	13	----------	*a* 1.1201	----------	*a* .0279	----------	*a* 1.1480	(*b*)	1.1480
202	13	----------	*a* 1.2595	----------	*a* .0339	*a, h* .2290	*a* 1.5224	(*b*)	1.5224
203	13	----------	*a* 1.3268	----------	*a* .0339	----------	*a* 1.3607	(*b*)	1.3607
204	13	*a* .4690	*a* .6940	----------	*a* .0195	*a, h* .0490	*a* 1.2315	(*b*)	1.2315
205	13	----------	*a* 1.6416	----------	*a* .0356	----------	*a* 1.6772	(*b*)	1.6772
206	13	*a* .8211	*a* .4983	----------	*a* .0347	----------	*a* 1.3541	(*b*)	1.3541
207	13	*a* .7790	*a* .6170	----------	*a* .0339	*a, h* .0390	*a* 1.4689	(*b*)	1.4689
208	13	*a* .8800	*a* .5210	----------	*a* .0364	*a, h* .0670	*a* 1.5044	(*b*)	1.5044
209	13	*a* .9370	*a* .4290	----------	*a* .0347	----------	*a* 1.4007	(*b*)	1.4007
210	13	*a* .7370	*a* .6740	----------	*a* .0423	*a, h* .0550	*a* 1.5083	(*b*)	1.5083
211	38	----------	*a, g* 1.3000	----------	----------	----------	*a* 1.3000	(*b*)	1.3000
212	20	*j* .0953	.2506	----------	.0209	(*j*)	.3668	.0167	.3501
213	46	----------	*a* .7570	----------	*a, k* .0279	----------	*a, l* .7849	(*b*)	*l* .7849
214	38	----------	*a, g* 1.5300	----------	----------	----------	*a* 1.5300	(*b*)	1.5300
215	44	----------	*a* .8644	----------	----------	----------	*a* .8644	(*b*)	.8644
216	45	*a* .5070	----------	----------	*a* .0669	----------	*a* .5739	(*b*)	.5739
217	42	----------	*a* 1.0192	----------	----------	----------	*a* 1.0192	(*b*)	1.0192

a Net cost.
b The value of waste has already been deducted.
c The expenditure was for garnetted waste.
d The expenditure was for cotton.
e Of this amount $0.0999 was paid for worsted, and $0.0136 for cotton.
f Of this amount $0.1089 was paid for worsted, and $0.0096 for cotton.
g The yarn was bought already dyed.
h The expenditure was for silk.
i The expenditures for yarn are inseparably combined with those for wool.
j The expenditures for wool waste are inseparably combined with those for wool.
k The expenditures for oil and soap are inseparably combined with those for dye.
l Including oil and soap.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—COST OF LABOR IN ONE YARD.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain. The figures are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners. There were no expenditures for combing and drawing except in products numbered 175 to 178, and 216, all worsted yarns used in other products having been purchased.]

Product number.	Establishment number.	Sorting.	Scouring, dyeing.	Carding.	Spinning.	Spooling, warping, drawing-in.	Weaving.	Finishing, packing.	All other.	Total.
1	42	.....	.....	.....	.....	$0.0031	*a* $0.0282	*b* $0.0058	*a* $0.0054	*b* $0.0425
2	42	.....	.....	.....	.....	.0028	*a* .0384	*b* .0062	*a* .0059	*b* .0533
3	42	.....	.....	.....	.....	.0028	*a* .0459	*b* .0051	*a* .0096	*b* .0634
4	42	.....	.....	.....	.....	.0055	*a* .0529	*b* .0062	*a* .0125	*b* .0771
5	42	.....	.....	.....	.....	.0048	*a* .0547	*b* .0066	*a* .0112	*b* .0773
6	42	.....	.....	.....	.....	.0042	*a* .0459	*b* .0057	*a* .0100	*b* .0658
7	41	$0.0320	$0.0366	$0.0210	$0.0200	.0210	.0870	.0850	.0425	.3451
8	41	.0150	.0125	.0162	.0163	.0200	.0900	.0750	.0750	.3200
9	16	.0178	.0630	.0500	.0310	.0217	.1113	.0765	.0041	.3754
10	42	.....	.....	.....	.....	*c* .0022	*c* .0159	*b* .0026	*c* .0038	*b* .0245
11	42	.....	.....	.....	.....	.0029	*a* .0203	*b* .0040	*a* .0043	*b* .0315
12	42	.....	.....	.....	.....	.0029	*a* .0251	*b* .0046	*a* .0048	*b* .0374
13	42	.....	.....	.....	.....	.0029	*a* .0353	*b* .0048	*a* .0054	*b* .0484
14	42	.....	.....	.....	.....	.0029	*a* .0406	*b* .0053	*a* .0056	*b* .0544
15	42	.....	.....	.....	.....	.0030	*a* .0459	*b* .0058	*a* .0062	*b* .0609
16	42	.....	.....	.....	.....	.0030	*a* .0212	*b* .0045	*a* .0045	*b* .0332
17	42	.....	.....	.....	.....	.0029	*a* .0251	*b* .0047	*a* .0043	*b* .0370
18	42	.....	.....	.....	.....	.0029	*a* .0366	*b* .0055	*a* .0049	*b* .0499
19	42	.....	.....	.....	.....	.0029	*a* .0424	*b* .0058	*a* .0054	*b* .0565
20	42	.....	.....	.....	.....	.0029	*a* .0485	*b* .0064	*a* .0057	*b* .0635
21	42	.....	.....	.....	.....	.0029	*a* .0538	*b* .0071	*a* .0063	*b* .0701
22	42	.....	.....	.....	.....	.0030	*a* .0198	*b* .0042	*a* .0049	*b* .0319
23	42	.....	.....	.....	.....	.0030	*a* .0260	*b* .0045	*a* .0054	*b* .0389
24	42	.....	.....	.....	.....	.0029	*a* .0221	*b* .0043	*a* .0041	*b* .0334
25	42	.....	.....	.....	.....	.0032	*a* .0198	*b* .0069	*a* .0071	*b* .0310
26	19	(*d*)	*d* .0132	.0126	.0070	.0102	.0390	.0132	.0053	.1005
27	18	.....	.0172	.0148	.0155	.0101	.0649	.0145	.0085	.1455
28	22	.0084	.0146	.0215	.0281	.0203	.0851	*e* .0370	.0192	.2342
29	21	.0167	.0170	.0271	.0391	.0219	.0938	.0353	.0172	.2681
30	7	.0046	.0073	.0197	.0187	.0103	.0828	.0302	.0151	.1887
31	8	.....	*f* .0064	.0173	.0274	.0112	.1081	.0300	.0176	.2180
32	25	.0102	.0183	.0421	.0311	.0194	.1159	.0543	.0160	.3073
33	26	.0136	.0148	.0214	.0202	.0211	.0973	.0433	.0130	.2447
34	26	.0203	.0222	.0322	.0304	.0316	.1459	.0650	.0196	.3672
35	34	(*d*)	*d* .0143	.0194	.0189	.0147	.1070	.0231	.0157	.2131
36	40	.0144	.0135	.0247	.0406	.0249	.1355	.0662	.0347	.3545
37	40	.0144	.0135	.0247	.0406	.0249	.1355	.0662	.0347	.3545
38	24	.0260	.0254	.0403	.0452	.0294	.1380	.0987	.0531	.4561
39	24	.0225	.0220	.0386	.0442	.0329	.1326	.1012	.0507	.4447
40	24	.0222	.0217	.0390	.0454	.0368	.1332	.0999	.0514	.4496
41	24	.0263	.0257	.0417	.0474	.0339	.1488	.1120	.0549	.4907

a The expenditures for the weaving department, except pay of weavers, are inseparably combined with those for all other labor.
b Not including finishing.
c The expenditures for drawing-in and for the weaving department, except pay of weavers, are inseparably combined with those for all other labor.
d The expenditures for sorting are inseparably combined with those for scouring and dyeing.
e The finishing was done by another establishment, for which the amount reported above was paid.
f Represents the expenditures for dyeing only, the wool having been scoured when purchased.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—COST OF LABOR IN ONE YARD—Continued.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain. The figures are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners. There were no expenditures for combing and drawing except in products numbered 175 to 178, and 216, all worsted yarns used in other products having been purchased.]

Product number.	Establishment number.	Sorting.	Scouring, dyeing.	Carding.	Spinning.	Spooling, warping, drawing-in.	Weaving.	Finishing, packing.	All other.	Total.
42	24	$0.0223	$0.0218	$0.0372	$0.0430	$0.0333	$0.1339	$0.0998	$0.0490	$0.4403
43	24	.0242	.0237	.0313	.0351	.0231	.1227	.1018	.0411	.4030
44	24	.0218	.0213	.0282	.0318	.0214	.1267	.1010	.0372	.3894
45	24	.0219	.0214	.0285	.0321	.0345	.1271	.1025	.0375	.4055
46	24	.0244	.0238	.0327	.0349	.0212	.1328	.1049	.0431	.4178
47	24	.0232	.0227	.0302	.0338	.0319	.1264	.1050	.0398	.4130
48	24	.0236	.0231	.0339	.0374	.0290	.1314	.1033	.0446	.4263
49	24	.0261	.0255	.0455	.0517	.0368	.1449	.1012	.0599	.4916
50	28	.0246	.0183	.0359	.0726	.0283	.1434	.0782	.0293	.4306
51	32	.0222	.0340	.0404	.0670	*a* .0277	*a* .1728	.0789	.0413	.4843
52	25	.0127	.0229	.0527	.0390	.0242	.1159	.0679	.0200	.3553
53	21	.0237	.0241	.0344	.0556	.0310	.1323	.0495	.0240	.3746
54	22	.0124	.0214	.0315	.0412	.0395	.0555	*b* .0543	.0281	.2839
55	22	.0124	.0214	.0315	.0412	.0188	.0703	*b* .0543	.0281	.2780
56	34	.0051	.0152	.0213	.0203	.0155	.1363	.0299	.0213	.2649
57	8	----------	*c* .0104	.0284	.0403	.0190	.1285	.0489	.0286	.3101
58	24	.0371	.0362	.0521	.0568	.0299	.1807	.1432	.0686	.6016
59	26	.0293	.0343	.0499	.0406	.0729	.1946	.0959	.0283	.5458
60	26	.0167	.0196	.0285	.0238	.0288	.1112	.0548	.0162	.2996
61	29	.0327	.0233	.0443	.0884	.0350	.1825	.0936	.0364	.5362
62	40	(*d*)	(*d*)	(*d*)	(*d*)	(*d*)	*d* .4950	(*d*)	(*d*)	.4950
63	7	.0070	.0113	.0302	.0210	.0158	.0704	.0256	.0128	.1941
64	24	.0333	.0326	.0467	.0511	.0274	.1816	.1462	.0615	.5804
65	24	.0365	.0356	.0508	.0557	.0311	.1740	.1431	.0669	.5937
66	13	.0243	.0220	.0276	.0369	.0228	.0919	.0381	.0289	.2925
67	13	.0259	.0235	.0294	.0394	.0243	.0879	.0402	.0306	.3012
68	13	.0364	.0331	.0413	.0551	.0342	.1275	.0614	.0466	.4356
69	13	.0364	.0331	.0413	.0551	.0342	.1273	.0614	.0466	.4354
70	38	----------	----------	----------	----------	.0182	.1132	.0747	.0168	.2229
71	36	.0096	.0600	.0269	.0296	.0232	.1500	.0565	.0193	.3751
72	42	----------	----------	----------	----------	.0043	*e* .0212	*f* .0022	*e* .0056	*f* .0333
73	31	(*g*)	----------	(*g*)	*g* .1352	.0468	.1379	*h* .0081	*h* .0662	.3942
74	21	.0110	.0111	.0134	.0257	.0197	.1269	.0477	.0232	.2787
75	7	.0041	.0066	.0178	.0135	.0093	.0663	.0241	.0121	.1538
76	21	.0163	.0164	.0263	.0379	.0212	.0602	.0185	.0090	.2058
77	21	.0162	.0164	.0263	.0379	.0212	.0938	.0353	.0172	.2643
78	22	.0084	.0146	.0215	.0281	.0128	.0555	*b* .0370	.0192	.1971
79	23	.0052	.0242	.0225	.0337	.0283	.1006	.0358	.0135	.2638
80	22	.0087	.0151	.0222	.0290	.0132	.0740	*b* .0382	.0198	.2202
81	34	.0020	.0106	.0170	.0160	.0130	.0902	.0261	.0133	.1882
82	21	.0237	.0241	.0344	.0556	.0310	.0750	.0316	.0137	.2891

a The expenditures for drawing-in are inseparably combined with those for weaving.
b The finishing was done by another establishment, for which the amount reported above was paid.
c Represents the expenditures for dyeing only, the wool having been scoured when purchased.
d The expenditures for all kinds of labor, amounting to the sum reported under weaving, are inseparably combined.
e The expenditures for the weaving department, except pay of weavers, are inseparably combined with those for all other labor.
f Not including finishing.
g The expenditures for sorting and carding are inseparably combined with those for spinning.
h The expenditures for finishing are inseparably combined with those for all other labor.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—COST OF LABOR IN ONE YARD—Continued.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain. The figures are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners. There were no expenditures for combing and drawing except in products numbered 175 to 178, and 216, all worsted yarns used in other products having been purchased.]

Product number.	Establishment number.	Sorting.	Scouring, dyeing.	Carding.	Spinning.	Spooling, warping, drawing-in.	Weaving.	Finishing, packing.	All other.	Total.
83	21	$0.0237	$0.0241	$0.0344	$0.0556	$0.0310	$0.1678	$0.0636	$0.0309	$0.4311
84	22	.0124	.0214	.0315	.0412	.0188	.0555	*a* .0543	.0281	.2632
85	34	.0032	.0125	.0195	.0190	.0142	.0971	.0273	.0143	.2071
86	23	.0080	.0372	.0346	.0518	.0432	.0779	.0550	.0105	.3182
87	13	.0125	.0205	.0256	.0343	.0212	.0808	.0360	.0274	.2583
88	13	.0372	.0338	.0423	.0566	.0350	.0768	.0339	.0257	.3413
89	13	.0372	.0338	.0423	.0566	.0350	.0749	.0317	.0241	.3356
90	7	.0078	.0129	.0263	.0392	.0180	.1335	.0483	.0242	.3102
91	16	.0198	.0750	.0490	.0320	.0232	.1165	.0715	.0042	.3912
92	42	.....	.....	.....	.....	.0033	*b* .0388	*c* .0022	*b* .0114	*c* .0557
93	16	.0265	.0860	.0590	.0389	.0275	.1345	.0870	.0048	.4642
94	37	.....	.....	.....	.....	(*d*)	*d* .0333	(*d*)	*d* .0430	.0763
95	37	.....	.....	.....	.....	(*d*)	*d* .0271	(*d*)	*d* .0312	.0583
96	14	.0015	.0019	.0022	.0038	*e* .0008	*e* .0072	.0017	.0014	.0205
97	14	.0017	.0022	.0026	.0045	*e* .0010	*e* .0085	.0020	.0016	.0241
98	14	.0019	.0024	.0029	.0049	*e* .0010	*e* .0092	.0022	.0017	.0262
99	1	.0020	.0020	.0028	.0039	.0021	.0127	.0018	.0019	.0292
100	2	.0017	.0014	.0027	.0039	.0022	.0091	.0024	.0029	.0263
101	14	.0020	.0026	.0031	.0053	*e* .0011	*e* .0100	.0024	.0019	.0284
102	8	.....	*f* .0022	.0059	.0099	.0040	.0186	.0100	.0057	.0563
103	15	.0027	.0017	.0039	.0046	.0030	.0086	.0017	.0019	.0281
104	15	.0028	.0018	.0041	.0048	.0033	.0090	.0018	.0020	.0296
105	14	.0026	.0033	.0040	.0068	*e* .0014	*e* .0127	.0031	.0024	.0363
106	14	.0028	.0036	.0043	.0074	*e* .0015	*e* .0138	.0034	.0026	.0394
107	16	.0232	.0880	.0530	.0340	.0215	.1487	.0790	.0047	.4521
108	12	.0018	.0038	.0064	.0064	.0029	.0328	.0076	.0051	.0668
109	3	.0011	.0061	.0066	.0073	.0026	.0246	.0068	.0071	.0622
110	5	.....	.0026	.0043	.0065	.0040	.0177	.0039	.0019	.0409
111	10	.0011	.0042	.0048	.0055	.0048	.0250	.0077	.0017	.0548
112	42	.....	.....	.....	.....	.0045	*b* .0207	*c* .0021	*b* .0124	*c* .0397
113	42	.....	.....	.....	.....	.0043	*b* .0353	*c* .0057	*b* .0106	*c* .0559
114	6	.0008	.0048	.0069	.0091	.0072	.0229	.0093	.0015	.0625
115	9	.....	(*g*)	.0070	.0081	.0053	.0319	*g* .0122	.0054	.0699
116	46	.....	*h* .0131	.....	.....	.0066	.0493	.0296	.....	.0986
117	11	.0109	.0159	.0191	.0364	.0167	.1087	(*i*)	(*i*)	.2077
118	43	.0019	*j* .0021	.0048	.0070	.0096	.0291	*kl* .0416	*k* .0085	.1046
119	43	.0016	*j* .0019	.0064	.0118	.0128	.0464	*km* .0800	*k* .0107	.1716
120	17	.....	.....	.0132	.0092	.0043	.0360	.0127	.0040	.0794
121	42	.....	.....	.....	.....	.0030	*b* .0313	*c* .0024	*b* .0051	*c* .0418
122	42	.....	.....	.....	.....	.0030	*b* .0375	*c* .0025	*b* .0058	*c* .0488
123	42	.....	.....	.....	.....	.0030	*b* .0481	*c* .0027	*b* .0062	*c* .0600

a The finishing was done by another establishment, for which the amount reported above was paid.
b The expenditures for the weaving department, except pay of weavers, are inseparably combined with those for all other labor.
c Not including finishing.
d The expenditures for all labor except pay of weavers are inseparably combined with those for all other labor.
e The expenditures for drawing-in are inseparably combined with those for weaving.
f Represents the expenditures for dyeing only, the wool having been scoured when purchased.
g The wool was scoured when purchased; the expenditures for dyeing labor are inseparably combined with those for finishing and packing.
h Represents the expenditures for dyeing only.
i The small amount of work necessary is performed by employés of the other departments.
j Represents the expenditures for scouring only.
k The expenditures for packing are inseparably combined with those for all other labor.
l Of the amount expended for finishing $0.0384 was paid for work done by another establishment.
m Of the amount expended for finishing $0.0767 was paid for work done by another establishment.

TABLE III.—COST OF PRODUCTION OF WOOLLEN AND WORSTED TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—COST OF LABOR IN ONE YARD—Continued.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain. The figures are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners. There were no expenditures for combing and drawing except in products numbered 175 to 178, and 216, all worsted yarns used in other products having been purchased.]

Product number.	Establishment number.	Sorting.	Scouring, dyeing.	Carding.	Spinning.	Spooling, warping, drawing-in.	Weaving.	Finishing, packing.	All other.	Total.
124	42	.....	.....	.....	.....	$0.0030	a $0.0556	b $0.0029	a $0.0067	b $0.0682
125	42	.....	.....	.....	.....	.0031	a .0635	b .0030	a .0078	b .0774
126	42	.....	.....	.....	.....	c .0018	c .0238	b .0018	c .0037	b .0311
127	42	.....	.....	.....	.....	c .0015	c .0150	b .0009	c .0023	b .0197
128	42	.....	.....	.....	.....	.0048	a .0326	b .0022	a .0052	b .0448
129	42	.....	.....	.....	.....	.0034	a .0207	b .0018	a .0067	b .0326
130	42	.....	.....	.....	.....	c .0018	c .0194	b .0013	c .0026	b .0251
131	42	.....	.....	.....	.....	c .0018	c .0265	b .0013	c .0027	b .0323
132	42	.....	.....	.....	.....	c .0022	c .0477	b .0013	c .0046	b .0558
133	42	.....	.....	.....	.....	c .0024	c .0441	b .0013	c .0041	b .0519
134	42	.....	.....	.....	.....	.0030	a .0512	b .0022	a .0064	b .0628
135	42	.....	.....	.....	.....	c .0015	c .0141	b .0009	c .0026	b .0191
136	42	.....	.....	.....	.....	.0045	a .0212	b .0013	a .0050	b .0320
137	42	.....	.....	.....	.....	.0046	a .0247	b .0022	a .0049	b .0364
138	42	.....	.....	.....	.....	.0045	a .0247	b .0009	a .0093	b .0394
139	21	$0.0163	$0.0164	$0.0263	$0.0379	.0212	.1323	.0494	.0240	.3231
140	7	.0079	.0128	.0345	.0392	.0180	.1201	.0437	.0219	.2988
141	24	.0422	.0413	.0505	.0586	.0471	.1576	.1768	.0665	.6406
142	24	.0441	.0432	.0569	.0651	.0484	.1871	.1806	.0749	.7003
143	21	.0172	.0176	.0280	.0404	.0226	.1269	.0459	.0223	.3209
144	21	.0291	.0296	.0473	.0682	.0381	.1547	.0583	.0283	.4536
145	22	.0152	.0263	.0387	.0505	.0231	.1258	d .0666	.0345	.3807
146	21	.0151	.0153	.0245	.0354	.0198	.1219	.0459	.0223	.3002
147	22	.0079	.0136	.0201	.0262	.0119	.0814	d .0345	.0179	.2135
148	23	.0049	.0226	.0211	.0315	.0264	.1106	.0335	.0148	.2654
149	22	.0129	.0224	.0330	.0430	.0196	.0962	d .0568	.0294	.3133
150	22	.0129	.0224	.0330	.0430	.0196	.0814	d .0568	.0294	.2985
151	23	.0080	.0372	.0346	.0518	.0432	.1710	.0550	.0229	.4237
152	21	.0261	.0259	.0424	.0611	.0342	.1594	.0600	.0292	.4383
153	41	.0250	.0470	.0610	.0605	.0200	.1405	.1423	.0406	.5369
154	36	.0046	.0172	.0129	.0143	.0112	.0848	.0271	.0093	.1814
155	36	.0052	.0193	.0144	.0159	.0125	.0874	.0303	.0104	.1954
156	36	.0060	.0223	.0167	.0185	.0144	.0914	.0351	.0120	.2164
157	4	.....	.0045	.0111	.0088	.....	.0297	.0046	.0029	.0616
158	42	.....	.....	.....	.....	.0032	a .0146	b .0026	a .0052	b .0256
159	42	.....	.....	.....	.....	.0032	a .0168	b .0026	a .0054	b .0280
160	42	.....	.....	.....	.....	.0032	a .0168	b .0027	a .0054	b .0281
161	42	.....	.....	.....	.....	.0033	a .0296	b .0026	a .0058	b .0413
162	42	.....	.....	.....	.....	.0036	a .0163	b .0027	a .0054	b .0280
163	42	.....	.....	.....	.....	.0039	a .0203	b .0026	a .0057	b .0325
164	42	.....	.....	.....	.....	.0034	a .0203	b .0026	a .0058	b .0321

a The expenditures for the weaving department, except pay of weavers, are inseparably combined with those for all other labor.

b Not including finishing.

c The expenditures for drawing-in and for the weaving department, except pay of weavers, are inseparably combined with those for all other labor.

d The finishing was done by another establishment, for which the amount reported above was paid.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—COST OF LABOR IN ONE YARD—Continued.

[Establishments numbered 1 to 33 and 42 to 47 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 34 and 41 are all in Great Britain. The figures are for departments and not for individual operatives, as the method in spinning (they are the two spinning department and not simply for a card spinner. Those for weaving are for plain and fancy goods except in products numbered 175 to 178 and 202–204, in which yarns used in other products having been purchased.]

Product number.	Establishment number.	Sorting.	Scouring, dyeing.	Carding.	Spinning.	Spooling, warping, and beaming.	Weaving.	Finishing and packing.	All other.	Total.
165	42	.....	.....	.....	.....	$0.0034	*a* $0.0331	*b* $0.[illegible]	*c* $0.[illegible]	[illegible]
166	42	.....	.....	.....	.....	.0045	*a* .0366	*b* .[illegible]	*c* .[illegible]	[illegible]
167	27	$0.0076	$0.0173	$0.0174	$0.0254	.0490	.0866	.[illegible]	.[illegible]	.[illegible]
168	14	.0027	.0034	.0041	.0070	*c* .0014	*c* .0130	.0031	.0025	.0372
169	16	.0049	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]
170	7	.0064	.0103	.0278	.0387	.0145	.1113	.0407	.0204	.2706
171	7	.0068	.0110	.0296	.0355	.0155	.1201	.0457	.0219	.2841
172	7	.0068	.0110	.0296	.0418	.0155	.1403	.0513	.0257	.3220
173	16	.0077	.0495	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.3244
174	31	(*d*)	.....	(*d*)	*d* .1188	.0275	.1022	*e* .0076	*e* .0868	.5164
175	35	.0074	(*f*)	*f* .0097	.0199	.0025	.0714	*f* .0260	.0106	.1475
176	35	.0084	(*f*)	*f* .0093	.0156	.0020	.0637	*f* .0210	.0075	.0975
177	35	.0024	(*f*)	*f* .0054	.0066	.0011	.0170	*f* .0040	.0028	.0393
178	35	.0025	(*f*)	*f* .0033	.0079	.0012	.0201	*f* .0045	.0029	.0424
179	42	.....	.....	.....	.....	.[illegible]	*a* .[illegible]	*b* .[illegible]	*c* .[illegible]	[illegible]
180	42	.....	.....	.....	.....	.[illegible]	*a* .[illegible]	*b* .[illegible]	*c* .[illegible]	[illegible]
181	5	.....	*g* .[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.4441
182	30	.....	.....	.....	.....	.0346	.1198	.0417	.0304	.2015
183	34	.....	*g* .[illegible]	.....	.....	.[illegible]	.[illegible]	.[illegible]	.[illegible]	.[illegible]
184	24	.0134	.0145	.0268	.0202	.0513	.1654	.0606	.0464	.4946
185	24	.0108	.0117	.0214	.0210	.0628	.1537	.0880	.0434	.4128
186	24	.0115	.0124	.0191	.0188	.0727	.1746	.0895	.0405	.4391
187	30	.....	.....	.....	.....	.0340	.1384	.0548	.0109	.2383
188	24	.0109	.0113	.0169	.0179	.0346	.1027	.0394	.0294	.4162
189	24	.0100	.0108	.0168	.0164	.0555	.1565	.0867	.0368	.3895
190	33	.....	.....	.....	.....	(*i*)	*i* .3500	(*i*)	(*i*)	.3500
191	24	.0122	.0132	.0241	.0236	.0683	.1633	.1034	.0470	.4531
192	24	.0150	.0162	.0233	.0228	.0521	.1608	.0979	.0408	.4289
193	39	.....	*h* .0067	.....	.....	.0233	.1831	.0565	.0064	.2760
194	23	.0024	.0113	.0105	.0138	.0283	.2263	.0526	.0333	.5985
195	23	.....	(*j*)	.....	.....	.0615	.2419	.0526	.0324	*j* .3884
196	21	.0104	.0106	.0169	.0257	.0517	.1875	.0707	.0343	.4078
197	24	.0234	.0295	.0352	.0369	.0592	.2188	.1247	.0569	.5856
198	24	.0240	.0304	.0361	.0379	.0607	.2219	.1312	.0576	.5998
199	24	.0256	.0316	.0392	.0408	.0652	.2283	.1317	.0622	.6126
200	24	.0259	.0319	.0448	.0460	.0732	.2704	.1449	.0705	.6876
201	13	.....	*h* .0134	.....	.....	.0413	.1451	.0808	.0301	.3044
202	13	.....	*h* .0213	.....	.....	.0326	.1998	.0847	.0643	.4027
203	13	.....	*h* .0213	.....	.....	.0326	.1865	.0847	.0643	.3894
204	13	.0144	.0231	.0163	.0219	.0243	.1208	.0487	.0371	.3068

a The expenditures for the weaving department, except pay of weavers, are inseparably combined with those for all other labor.

b Not including finishing.

c The expenditures for drawing-in are inseparably combined with those for weaving.

d The expenditures for sorting and carding are inseparably combined with those for spinning.

e The expenditures for finishing and for packing are combined with those for all other labor.

f The expenditures for scouring are inseparably combined with those for carding (which also include those for combing and drawing) and the expenditures for dyeing with those for finishing and packing.

g The expenditures for dyeing are inseparably combined with those for finishing and packing.

h Represents the expenditures for dyeing only.

i The expenditures for all kinds of labor, amounting to the sum reported under weaving, are inseparably combined.

j The expenditures for dyeing were not reported.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—COST OF LABOR IN ONE YARD—Concluded.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain. The figures are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners. There were no expenditures for combing and drawing except in products numbered 175 to 178, and 216, all worsted yarns used in other products having been purchased.]

Product number.	Establishment number.	Sorting.	Scouring, dyeing.	Carding.	Spinning.	Spooling, warping, drawing in.	Weaving.	Finishing, packing.	All other.	Total.
205	13	.....	*a* $0.0235	.....	.....	$0.0354	$0.2074	$0.0889	$0.0675	$0.4227
206	13	$0.0249	.0308	$0.0317	$0.0365	.0340	.1903	.0868	.0659	.5009
207	13	.0229	.0279	.0271	.0355	.0376	.1982	.0847	.0643	.4982
208	13	.0241	.0294	.0285	.0373	.0392	.2074	.0930	.0692	.5281
209	13	.0238	.0306	.0308	.0363	.0330	.1929	.0868	.0659	.5001
210	13	.0248	.0338	.0281	.0378	.0440	.2415	.1058	.0804	.5962
211	38	.....	.....	.....	.....	.0415	.2117	.0955	.0300	.3787
212	20	.0038	.0125	.0072	.0041	.0092	.0734	.0169	.0139	.1410
213	46	.....	*a* .0127	.....	.....	.0076	.0684	.0558	.....	.1445
214	38	.....	.....	.....	.....	.0360	.2723	.0959	.0420	.4462
215	44	.....	.....	.....	.....	.0090	.0593	.0631	.0045	.1359
216	45	.0027	.1054	*b* .0608	.0446	.0375	.1521	.0406	.0203	*b* .4640
217	42	.....	.....	.....	.....	.0063	*c* .1871	*d* .0529	*c* .0293	*d* .2756

a Represents the expenditures for dyeing only.
b Including combing and drawing.
c The expenditures for the weaving department, except pay of weavers, are inseparably combined with those for all other labor.
d Not including finishing.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—ELEMENTS OF COST IN ONE YARD.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain. Insurance, interest,

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound	Number of yarn.				Per inch.	
						Warp.		Weft.		Threads of warp.	Picks of weft.
						Wool.	Worsted.	Wool.	Worsted.		
1	42	Continent of Europe.	Alma (*a*)	39.75	3.63	.....	80.00	.....	105.00	88	114
2	42	....do	Alma (*a*)	41.00	3.91	.....	75.00	.....	(*f*)	62	128
3	42	....do	Armure (*a*)	40.50	3.82	.....	70.00	.....	110.00	62	128
4	42	....do	Armure (*a*)	48.40	2.72	.....	75.00	.....	115.00	96	132
5	42	....do	Armure (*a*)	49.60	2.60	.....	64.00	.....	110.00	76	140
6	42	....do	Armure stripes (*a*)	39.40	3.70	.....	70.00	.....	110.00	72	128
7	41	United St's	Blankets (*g*, *h*)	64.00	.57	2.00	.....	.75	.....	25	18
8	41	....do	Blankets (*h*, *i*)	68.00	.64	*j*5.00	.....	1.50	.....	30	30
9	16	....do	Carriage cloth, green.	54.00	1.00	4.25	.....	5.25	.....	49	52
10	42	Continent of Europe.	Cashmere (*a*)	40.17	4.70	.....	75.00	.....	105.00	64	88
11	42	....do	Cashmere (*a*)	40.50	4.17	.....	70.00	.....	120.00	68	110
12	42	....do	Cashmere (*a*)	40.90	3.73	.....	72.00	.....	120.00	68	136
13	42	....do	Cashmere (*a*)	41.33	3.22	.....	70.00	.....	135.00	68	160
14	42	....do	Cashmere (*a*)	41.75	3.33	.....	70.00	.....	140.00	68	180
15	42	....do	Cashmere (*a*)	41.75	3.13	.....	70.00	.....	145.00	68	204
16	42	....do	Cashmere (*a*)	42.90	3.94	.....	70.00	.....	120.00	68	110
17	42	....do	Cashmere (*a*)	47.25	3.82	.....	80.00	.....	(*f*)	54	120
18	42	....do	Cashmere (*a*)	47.25	3.57	.....	80.00	.....	(*l*)	54	144
19	42	....do	Cashmere (*a*)	47.67	3.31	.....	80.00	.....	(*m*)	54	166
20	42	....do	Cashmere (*a*)	47.67	3.15	.....	80.00	.....	(*n*)	56	190
21	42	....do	Cashmere (*a*)	48.00	2.95	.....	80.00	.....	(*o*)	56	212
22	42	....do	Cashmere (*a*)	48.80	3.97	.....	72.00	.....	110.00	64	84
23	42	....do	Cashmere (*a*)	49.20	3.36	.....	68.00	.....	115.00	66	110
24	42	....do	Cashmere, henrietta (*a*).	47.25	4.25	.....	80.00	.....	(*p*)	54	96
25	42	....do	Cashmere, Indian (*a*).	47.25	3.13	.....	70.00	.....	74.00	82	74
26	19	United St's	Cassimere	27.00	1.23	3.00	.....	3.28	.....	59	24
27	18	....do	Cassimere	54.00	1.14	2.50	.....	2.50	.....	30	30
28	22	....do	Cassimere	54.00	1.07	(*q*)	.....	3.50	.....	40	46
29	21	....do	Cassimere	54.00	1.03	3.50	.....	4.00	.....	48	40
30	7	....do	Cassimere	54.00	1.00	3.50	.....	4.00	.....	42	40
31	8	....do	Cassimere	54.00	1.00	3.25	.....	3.75	.....	42	46
32	25	....do	Cassimere	54.00	1.00	4.00	.....	4.50	.....	67	56
33	26	....do	Cassimere	54.00	1.00	2.75	.....	2.75	.....	42	40
34	26	....do	Cassimere	54.00	1.00	4.50	.....	4.50	.....	64	60
35	34	....do	Cassimere (*s*)	54.00	1.00	3.75	.....	4.69	.....	44	44
36	40	....do	Cassimere (*v*)	54.00	1.00	6.00	.....	4.00	.....	44	50
37	40	....do	Cassimere (*v*)	54.00	1.00	6.00	.....	4.00	.....	44	50
38	24	....do	Cassimere	54.00	.94	*w*6.64	.....	4.00	.....	85	54
39	24	....do	Cassimere	54.00	.91	*w*5.03	.....	*x*4.29	.....	96	52
40	24	....do	Cassimere	54.00	.91	6.50	.....	4.00	.....	106	52
41	24	....do	Cassimere	54.00	.91	*w*6.45	.....	*y*4.13	.....	88	54
42	24	....do	Cassimere	54.00	.91	*w*5.04	.....	4.00	.....	96	54
43	24	....do	Cassimere	54.00	.91	3.75	.....	4.00	.....	62	52
44	24	....do	Cassimere	54.00	.89	3.75	.....	4.00	.....	62	54
45	24	....do	Cassimere	54.00	.89	3.75	.....	4.00	.....	60	54

a Made in 1890.
b The yarn was bought, hence the cost of spinning and preceding operations is included with the cost of materials.
c Not including finishing.
d The expenditures for oil are inseparably combined with those for other supplies and repairs.
e In addition, the following amounts were paid another establishment for dyeing and finishing: for that product numbered 1, $0.0285; for that numbered 2, $0.0268; for those numbered 3 and 6, $0.0216; for those numbered 4 and 5, $0.0319; for those numbered 10, 11, 12, 13, 14, and 15, $0.0151; for that numbered 16, $0.0168; for those numbered 17, 18, 19, 20, 21, and 24, $0.0193; for those numbered 22 and 23, $0.0201; for that numbered 25, $0,0302.
f Numbers 110 and 120 were used.
g Measuring 64 inches by 80 inches.
h Made in 1891.
i Measuring 68 inches by 80 inches.
j Cotton yarn.
k Part of the yarn was bought, hence part of the cost of spinning and preceding operations is included with the cost of materials.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—ELEMENTS OF COST IN ONE YARD.

depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.	Product number.
			Fuel and lighting.	Oil.	Other.				
b $0.1446	*b*, *c* $0.0425	$0.0019	$0.0017	(*d*)	*d* $0.0078	.....	$0.0005	*e* $0.1990	1
b .1395	*b*, *c* .0533	.0019	.0017	(*d*)	*d* .0073	.....	.0005	*e* .2042	2
b .1420	*b*, *c* .0634	.0021	.0018	(*d*)	*d* .0078	.....	.0005	*e* .2176	3
b .2016	*b*, *c* .0771	.0028	.0025	(*d*)	*d* .0112	.....	.0007	*e* .2959	4
b .2041	*b*, *c* .0773	.0028	.0025	(*d*)	*d* .0110	.....	.0007	*e* .2984	5
b .1413	*b*, *c* .0658	.0021	.0018	(*d*)	*d* .0081	.....	.0005	*e* .2196	6
1.0030	.3451	.0425	.0420	$0.0150	.0966	.....	.0200	1.5642	7
k .6300	*k* .3200	.0375	.0400	.0133	.0958	.....	.0080	1.1446	8
.9500	.3754	.0083	.0204	.0205	.0231	.....	.0099	1.4076	9
b .1091	*b*, *c* .0245	.0014	.0012	(*d*)	*d* .0058	.....	.0003	*e* .1423	10
b .1282	*b*, *c* .0315	.0016	.0014	(*d*)	*d* .0067	.....	.0004	*e* .1698	11
b .1467	*b*, *c* .0374	.0019	.0016	(*d*)	*d* .0073	.....	.0005	*e* .1954	12
b .1638	*b*, *c* .0484	.0021	.0019	(*d*)	*d* .0081	.....	.0005	*e* .2248	13
b .1837	*b*, *c* .0544	.0024	.0021	(*d*)	*d* .0088	.....	.0006	*e* .2520	14
b .2068	*b*, *c* .0609	.0027	.0023	(*d*)	*d* .0092	.....	.0007	*e* .2826	15
b .1357	*b*, *c* .0332	.0017	.0015	(*d*)	*d* .0071	.....	.0004	*e* .1796	16
b .1469	*b*, *c* .0370	.0018	.0016	(*d*)	*d* .0070	.....	.0005	*e* .1948	17
b .1665	*b*, *c* .0499	.0022	.0019	(*d*)	*d* .0078	.....	.0005	*e* .2288	18
b .1863	*b*, *c* .0565	.0024	.0021	(*d*)	*d* .0086	.....	.0006	*e* .2565	19
b .2090	*b*, *c* .0635	.0027	.0024	(*d*)	*d* .0093	.....	.0007	*e* .2876	20
b .2333	*b*, *c* .0701	.0030	.0027	(*d*)	*d* .0101	.....	.0008	*e* .3200	21
b .1534	*b*, *c* .0319	.0019	.0016	(*d*)	*d* .0076	.....	.0005	*e* .1969	22
b .1848	*b*, *c* .0389	.0022	.0020	(*d*)	*d* .0089	.....	.0006	*e* .2374	23
b .1275	*b*, *c* .0334	.0016	.0014	(*d*)	*d* .0064	.....	.0004	*e* .1707	24
b .2345	*b*, *c* .0310	.0027	.0023	(*d*)	*d* .0103	.....	.0007	*e* .2815	25
k .2665	*k* .1005	.0126	.0126	.0011	.0029	$0.0021	.0007	.3990	26
.5239	.1455	.0290	.0163	.0312	.0572	.0300	.0048	.8379	27
.8452	.2342	.0058	.0091	.0069	.0471	.....	.0045	1.1528	28
.7903	.2681	.0282	.0144	.0029	.0356	.....	.0072	1.1467	29
k .4698	*k* .1887	.0182	.0134	.0020	.0605	.....	.0015	.7541	30
k .4389	*k* .2180	.0193	.0120	.0033	.0622	.....	(*r*)	.7537	31
.7913	.3073	.0420	.0232	.0070	.0067	.....	.0017	1.1792	32
.8750	.2447	.0385	.0160	.0041	.0270	.....	.0015	1.2068	33
.9800	.3672	.0578	.0239	.0061	.0405	.....	.0023	1.4778	34
t .7170	.2131	.0406	.0067	(*d*)	*d* .0834	.....	.0030	*u* 1.0638	35
.9733	.3545	.0219	.0317	.0093	.0176	.....	.0066	1.4149	36
1.0927	.3545	.0220	.0318	.0093	.0175	.....	.0065	1.5343	37
1.1729	.4561	.0315	.0375	.0136	.1131	.....	.0072	1.8319	38
1.0174	.4447	.0302	.0358	.0131	.1081	.....	.0068	1.6561	39
1.0033	.4496	.0305	.0363	.0132	.1094	.....	.0069	1.6492	40
1.1887	.4907	.0326	.0388	.0141	.1170	.....	.0074	1.8893	41
1.0090	.4403	.0292	.0346	.0126	.1045	.....	.0066	1.6368	42
1.0925	.4030	.0245	.0291	.0106	.0874	.....	.0054	1.6525	43
.9848	.3894	.0220	.0262	.0096	.0791	.....	.0050	1.5161	44
1.2252	.4055	.0222	.0266	.0096	.0797	.....	.0052	1.7740	45

l Numbers 120 and 130 were used.
m Numbers 125 and 135 were used.
n Numbers 135 and 145 were used.
o Numbers 140 and 150 were used.
p Numbers 105 and 110 were used.
q Numbers 3.50 and 6.75, twisted, were used.
r Exempt from taxes.
s Made in 1889.
t Gross cost.
u Including the value of waste.
v Made in 1888.
w Average number, 3.75 and 6.50 having been used.
x Average number, 4 and 6.50 having been used.
y Average number, 4 and 5 having been used.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—ELEMENTS OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain. Insurance, interest,

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound	Number of yarn.				Per inch.	
						Warp.		Weft.		Threads of warp.	Picks of weft.
						Wool.	Worsted.	Wool.	Worsted.		
46	24	United St's	Cassimere	54.00	.89	3.75		a4.15		60	54
47	24	....do	Cassimere	54.00	.89	b3.76		a4.03		62	52
48	24	....do	Cassimere	54.00	.89	c4.13		d4.42		62	52
49	24	....do	Cassimere	54.00	.89	e7.12		4.00		106	54
50	28	....do	Cassimere	54.00	.89	5.00		6.00		60	60
51	32	....do	Cassimere (*g*)	54.00	.89	9.25		5.25		70	76
52	25	....do	Cassimere	54.00	.80	4.00		4.50		80	52
53	21	....do	Cassimere	54.00	.73	3.50		3.50		80	56
54	22	....do	Cassimere	54.00	.73	(*h*)		(*h*)		33	28
55	22	....do	Cassimere	54.00	.73	2.25		2.25		39	33
56	34	....do	Cassimere (*i*)	54.00	.73	3.75		4.69		56	56
57	8	....do	Cassimere	54.00	.68	3.75		4.00		54	56
58	24	....do	Cassimere	54.00	.67	l3.33		5.00		78	72
59	26	....do	Cassimere	54.00	.67	m3.75		n3.75		80	70
60	26	....do	Cassimere	54.00	.67	2.00		2.00		42	40
61	29	....do	Cassimere	54.00	.67	5.00		6.00		76	76
62	40	....do	Cassimere (*g*)	54.00	.67	6.00		4.00		74	80
63	7	....do	Cassimere	54.00	.65	2.50		3.00		36	34
64	24	....do	Cassimere	54.00	.62	l3.35		5.00		80	74
65	24	....do	Cassimere	54.00	.62	l3.33		5.00		80	72
66	13	....do	Cassimere	54.50	1.07	2.50		4.00		47	36
67	13	....do	Cassimere	54.50	1.00	3.75		(*o*)		50	38
68	13	....do	Cassimere	54.50	.71	3.50		(*p*)		58	58
69	13	....do	Cassimere	54.50	.71	3.50		4.50		76	58
70	38	....do	Cassimere (*g*)	55.00	1.10	3.00		3.00		38	36
71	36	....do	Cassimere (*s*)	55.00	.67	3.75		3.38		66	60
72	42	Continent of Europe.	Checks (*q*)	38.60	4.36	.....	(*v*)	.....	(*w*)	(*x*)	(*y*)
73	31	Great Brit.	Checks	56.00	1.00	7.00		7.00		43	43
74	21	United St's	Cheviot	54.00	1.14	5.75	*cc*30.00	4.75		68	54
75	7	....do	Cheviot	54.00	1.10	2.75		3.25		32	32
76	21	....do	Cheviot	54.00	1.07	2.00		2.00		25	21
77	21	....do	Cheviot	54.00	1.07	3.50		4.25		48	40
78	22	....do	Cheviot	54.00	1.07	2.75		2.75		38	30
79	23	....do	Cheviot	54.00	1.07	3.50		4.50		48	40
80	22	....do	Cheviot	54.00	1.03	4.50		4.75		52	40
81	34	....do	Cheviot (*i*)	54.00	1.00	2.81		2.81		32	32
82	21	....do	Cheviot	54.00	.73	1.25		1.50		27	32
83	21	....do	Cheviot	54.00	.73	3.50		3.50		60	72
84	22	....do	Cheviot	54.00	.73	2.75		2.75		49	30
85	34	....do	Cheviot (*i*)	54.00	.73	2.81		2.81		24	24
86	23	....do	Cheviot	54.00	.70	1.13		1.50		33	31
87	13	....do	Cheviot	54.50	1.15	3.00		3.00		40	34
88	13	....do	Cheviot	54.50	.70	1.75		1.75		40	32
89	13	....do	Cheviot	54.50	.70	1.75		1.75		40	30
90	7	....do	Cloaking	54.00	.57	4.25		4.75		56	64

a Average number, 4 and 5 having been used.
b Average number, 3.75 and 4 having been used.
c Average number, 3.75 and 10 having been used.
d Average number, 4 and 6.50 having been used.
e Average number, 6.50 and 10 having been used.
f The expenditures for oil are inseparably combined with those for other supplies and repairs.
g Made in 1888.
h Three-fourths of the yarn used were numbers 2.75 and 5, twisted, and one-fourth, number 2.75.
i Made in 1889.
j Part of the yarn was bought, hence part of the cost of spinning and preceding operations is included with the cost of materials.
k Exempt from taxes.
l Average number, 2.50 and 4 having been used.
m Average number, 3 and 4.50 having been used.
n Average number, 2.75 and 4.75 having been used.
o Numbers 5.50 and 7.50, twisted, were used.
p Numbers 5.50 and 7.50, twisted, were used for face, and number 2.50 for back.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—ELEMENTS OF COST IN ONE YARD—Continued.

depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.	Product number.
			Fuel and lighting.	Oil.	Other.				
$1.2149	$0.4178	$0.0256	$0.0304	$0.0111	$0.0918	.....	$0.0058	$1.7965	46
1.2225	.4130	.0236	.0281	.0102	.0846	.....	.0054	1.7874	47
1.1961	.4263	.0265	.0316	.0115	.0890	.....	.0060	1.7870	48
1.1784	.4916	.0356	.0423	.0154	.1275	.....	.0081	1.8989	49
1.0496	.4306	.0312	.0212	(*f*)	*f*.0569	.....	.0080	1.5975	50
.9010	.4843	.0718	.0370	(*f*)	*f*.0658	.....	.0263	1.5862	51
.9570	.3553	.0525	.0256	.0088	.0083	.....	.0021	1.4096	52
1.1212	.3746	.0394	.0202	.0041	.0498	.....	.0101	1.6194	53
.6630	.2839	.0038	.0059	.0045	.0307	.....	.0030	.9948	54
.7538	.2780	.0048	.0075	.0057	.0389	.....	.0038	1.0925	55
.8946	.2649	.0499	.0066	(*f*)	*f*.1144	.....	.0063	1.3367	56
j.5262	*j*.3101	.0315	.0195	.0054	.1012	.....	(*k*)	.9939	57
1.6748	.6046	.0407	.0484	.0176	.1460	.....	.0093	2.5414	58
1.4426	.5458	.0831	.0262	.0101	.0587	.....	.0033	2.1698	59
1.1592	.2996	.0475	.0149	.0058	.0333	.....	.0019	1.5622	60
1.3684	.5362	.0384	.0337	(*f*)	*f*.0756	.....	.0098	2.0621	61
1.4238	.4950	.0306	.0444	(*f*)	*f*.0375	.....	.0091	2.0404	62
j.7054	*j*.1941	.0155	.0114	.0017	.0515	.....	.0012	.9608	63
1.5050	.5804	.0366	.0434	.0158	.1310	.....	.0083	2.3205	64
1.6470	.5937	.0397	.0472	.0172	.1424	.....	.0096	2.4968	65
.7399	.2925	.0274	.0147	.0044	.0404	.....	.0112	1.1305	66
.8784	.3012	.0288	.0156	.0045	.0425	.....	.0118	1.2828	67
1.2352	.4356	.0441	.0238	.0070	.0650	.....	.0181	1.8288	68
1.1526	.4354	.0441	.0238	.0070	.0650	.....	.0181	1.7460	69
r.7874	*r*.2229	.0120	.0060	(*f*)	*f*.0072	.....	.0020	1.0375	70
.8600	.3751	*t*.0450	.0300	.0350	.0200	.....	.0025	*u*1.3676	71
r.1302	*r*,*z*.0333	.0017	.0014	(*f*)	*f*.0065	.....	.0004	*aa*.1735	72
.7300	.3942	.0198	.0117	.0081	.0095	.....	.0036	*bb* 1.1769	73
j.8959	*j*.2787	.0380	.0184	.0039	.0481	.....	.0098	1.2928	74
j.4237	*j*.1538	.0146	.0107	.0016	.0484	.....	.0012	.6540	75
.5405	.2058	.0148	.0076	.0015	.0187	.....	.0038	.7927	76
.7670	.2643	.0282	.0144	.0029	.0356	.....	.0072	1.1196	77
.5195	.1971	.0038	.0059	.0045	.0307	.....	.0030	.7645	78
.6456	.2638	.0112	.0172	.0038	.0513	(*dd*)	(*dd*)	.9929	79
.5888	.2202	.0051	.0079	.0060	.0409	.....	.0040	.8729	80
.5070	.1882	.0488	.0054	(*f*)	*f*.0246	.....	.0023	.8313	81
.6377	.2891	.0223	.0115	.0023	.0285	.....	.0058	.9972	82
.9036	.4311	.0507	.0259	.0053	.0641	.....	.0130	1.4937	83
.7430	.2632	.0038	.0059	.0045	.0307	.....	.0030	1.0541	84
.6076	.2071	.0414	.0066	(*f*)	*f*.0767	.....	.0030	.9424	85
.6539	.3182	.0087	.0134	.0029	.0397	(*dd*)	(*dd*)	1.0368	86
.5815	.2583	.0259	.0139	.0041	.0381	.....	.0106	.9324	87
.7795	.3413	.0243	.0131	.0039	.0359	.....	.0100	1.2080	88
.5737	.3356	.0228	.0123	.0037	.0337	.....	.0093	.9911	89
.7556	.3102	.0291	.0214	.0033	.0959	.....	.0023	1.2178	90

q Made in 1890.
r The yarn was bought, hence the cost of spinning and preceding operations is included with the cost of materials.
s Made in 1891.
t The expenditures for unspecified general expenses are inseparably combined with those for offi- and clerks.
u Including unspecified general expenses.
v Worsted, number 75; dyed worsted, 60; and cotton, 46.
w Worsted, number 90; dyed worsted, 80; and cotton, 46.
x Worsted, 56; dyed worsted, 12; and cotton, 6.
y Worsted, 50; dyed worsted, 12; and cotton, 6.
z Not including finishing.
aa In addition, $0.0235 was paid another establishment for dyeing and finishing.
bb In addition, $0.0451 was paid another establishment for dyeing.
cc Two-ply.
dd Rent for water power and expenditure for taxes not paid by lessees of the mill.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

III.—ELEMENTS OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain. Insurance, interest,

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound	Number of yarn.				Per inch.	
						Warp.		Weft.		Threads of warp.	Picks of weft.
						Wool.	Worsted.	Wool.	Worsted.		
91	16	United St's	Coating, sky blue	54.00	.73	3.63	.....	4.13	.....	64	67
92	42	Continent of Europe.	Diagonal cloth (*a*)	43.33	3.52	.....	70.00	.....	120.00	96	88
93	16	United St's	Doeskin, blue	54.00	.57	4.75	.....	4.00	.....	98	72
94	37	....do	Fancy shirting (*f*)	32.00	6.04	40.00*g*	.....	70.00	.....	72	90
95	37	....do	Fancy shirting (*f*)	36.00	5.17	(*h*)	.....	42.00	.....	64	63
96	14	....do	Flannel	22.00	6.81	5.25	.....	7.25	.....	33	30
97	14	....do	Flannel	24.00	5.82	5.25	.....	7.25	.....	34	30
98	14	... do	Flannel	25.00	5.33	5.25	.....	7.25	.....	38	32
99	1	....do	Flannel	26.00	3.88	4.25	.....	5.50	.....	39½	33
100	2	....do	Flannel	26.00	3.88	4.25	.....	5.50	.....	39½	33
101	14	....do	Flannel	27.00	4.92	5.25	.....	7.25	.....	38	36
102	8	....do	Flannel, shirting	26.00	2.91	3.25	.....	3.50	.....	23	23
103	15	....do	Flannel, twilled	25.50	4.00	5.00	.....	8.00	.....	47	38
104	15	....do	Flannel, twilled	26.50	3.56	5.00	.....	7.00	.....	50	40
105	14	....do	Flannel, twilled	27.00	3.86	5.25	.....	7.25	.....	48	34
106	14	....do	Flannel, twilled	27.00	3.56	5.25	.....	7.25	.....	49	40
107	16	....do	Kersey	54.00	.57	4.50	.....	5.00	.....	89	79
108	12	....do	Ladies' dress goods	36.00	4.23	6.00	.....	5.75	.....	32	35
109	3	....do	Ladies' dress goods	36.00	3.77	5.50	.....	6.50	.....	36	32
110	5	....do	Ladies' dress goods	36.00	3.56	5.50	.....	6.25	.....	34	34
111	10	....do	Ladies' dress goods	36.00	3.55	5.00	.....	6.00	.....	40	36
112	42	Continent of Europe.	Ladies' dress goods (*a*)	39.75	4.47	.....	(*i*)	.....	80.00	(*m*)	56
113	42	....do	Ladies' dress goods (*a*)	39.75	4.05	.....	70.00	.....	100.00	74	92
114	6	United St's	Ladies' dress goods	50.00	2.91	5.50	.....	6.50	.....	38	36
115	9	....do	Ladies' dress goods	50.00	2.56	5.25	.....	6.25	.....	32	40
116	46	Great Brit.	Ladies' dress goods (*f*)	54.00	1.33	(*n*)	(*n*)	(*n*)	(*n*)	(*n*)	(*n*)
117	11	United St's	Ladies' dress goods	54.00	1.00	5.00	.....	5.00	.....	80	72
118	43	Great Brit.	Ladies' dress goods (*a*)	56.00	2.30	5.23	.....	6.13	.....	(*n*)	44
119	43	....do	Ladies' dress goods (*a*)	56.00	1.09	3.96	.....	4.14	.....	(*n*)	36
120	17	United St's	Melton	27.00	1.52	2.06	.....	2.25	.....	40	50
121	42	Continent of Europe.	Merino (*a*)	46.90	3.04	.....	70.00	.....	120.00	62	162
122	42	....do	Merino (*a*)	47.25	2.76	.....	70.00	.....	125.00	64	192
123	42	....do	Merino (*a*)	47.67	2.54	.....	70.00	.....	130.00	64	222
124	42	....do	Merino (*a*)	47.67	2.42	.....	70.00	.....	140.00	64	254
125	42	....do	Merino (*a*)	52.00	2.07	.....	70.00	.....	140.00	64	282
126	42	....do	Muslin (*a*)	37.40	5.80	.....	75.00	.....	110.00	64	70
127	42	....do	Muslin (*a*)	37.80	6.53	.....	80.00	.....	100.00	58	56
128	42	....do	Muslin (*a*)	39.00	5.98	.....	(*r*)	.....	(*s*)	(*t*)	(*u*)
129	42	....do	Muslin (*a*)	39.40	5.59	.....	(*v*)	.....	120.00	(*w*)	74
130	42	....do	Muslin (*a*)	42.13	5.87	.....	80.00	.....	100.00	58	56
131	42	....do	Muslin (*a*)	42.13	5.09	.....	75.00	.....	100.00	60	70
132	42	....do	Muslin (*a*)	42.13	4.47	.....	75.00	.....	140.00	72	100

a Made in 1890.
b The yarn was bought, hence the cost of spinning and preceding operations is included with the cost of materials.
c Not including finishing.
d The expenditures for oil are inseparably combined with those for other supplies and repairs.
e In addition, the following amounts were paid another establishment for dyeing and finishing: for those products numbered 92 and 113, $0.0252; for that numbered 112, $0.0419; for those numbered 121, 122, 123, and 124, $0.0193; for that numbered 125, $0.0201; for those numbered 126, 127, 130, 131, and 132, $0.0168; for those numbered 128 and 129, $0.0184.
f Made in 1889.
g Colored cotton yarn.
h Number 40 colored cotton yarn, and number 60 spun silk.
i Exempt from taxes.
j In connection with the above, number 28 cotton yarn was also used.
k Part of the yarn was bought, hence part of the cost of spinning and preceding operations is included with the cost of materials.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

III.—ELEMENTS OF COST IN ONE YARD—Continued.

depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.	Product number.
			Fuel and lighting.	Oil.	Other.				
$1.0400	$0.3912	$0.0114	$0.0281	$0.0282	$0.0318	.....	$0.0136	$1.5443	91
b.1528	*b*,*c*.0557	.0021	.0019	(*d*)	*d*.0092	.....	.0005	*e*.2222	92
1.6360	.4642	.0145	.0357	.0359	.0404	.....	.0173	2.2440	93
b.1474	*b*.0763	.0038	.0020	(*d*)	*d*.0016	.....	.0024	.2335	94
b.1984	*b*.0583	.0028	.0014	(*d*)	*d*.0012	.....	.0017	.2638	95
.1124	.0205	.0027	.0020	.0010	.0031	.....	.0010	.1427	96
.1315	.0241	.0031	.0024	.0012	.0036	.....	.0011	.1670	97
.1435	.0262	.0034	.0026	.0013	.0040	.....	.0012	.1822	98
.1364	.0292	.0039	.0019	.0012	.0065	.....	.0011	.1802	99
.1272	.0263	.0027	.0020	.0007	.0050	.....	.0010	.1649	100
.1554	.0284	.0037	.0028	.0014	.0043	.....	.0014	.1974	101
.0846	.0563	.0064	.0040	.0011	0206	.....	(*i*)	.1730	102
.1930	.0281	.0045	.0027	.0014	.0108	.....	.0015	.2420	103
.2018	.0296	.0047	.0029	.0015	.0114	.....	.0015	.2534	104
.1985	.0363	.0047	.0036	.0017	.0055	.....	.0017	.2520	105
.2152	.0394	.0051	.0039	.0019	.0059	.....	.0019	.2733	106
1.5960	.4521	.0145	.0357	.0359	.0404	.....	.0173	2.1919	107
.1818	.0668	.0073	.0062	.0023	.0170	.....	.0024	.2838	108
.2120	.0622	.0061	.0045	.0015	.0106	$0.0020	.0015	.3004	109
k.1950	*k*.0409	.0024	.0020	.0012	.0240	.....	(*i*)	.2655	110
.2119	.0548	.0109	.0043	.0012	.0247	.....	(*i*)	.3078	111
b.1515	*b*,*c*.0397	.0024	.0021	(*d*)	*d*.0089	.....	.0006	*e*.2052	112
b.1235	*b*,*c*.0559	.0018	.0016	(*d*)	*d*.0075	.....	.0004	*e*.1907	113
k.1624	*k*.0625	.0069	.0079	.0011	.0133	.0012	.0004	.2557	114
k.2079	*k*.0699	.0080	.0060	.0017	.0094	.....	.0019	.3048	115
b.5130	*b*.0986	.0016	(*o*)	.0099	*o*.1321	.....	.0022	.7574	116
.7908	.2077	.0077	.0116	.0058	.0176	*p*.0161	.0043	*p*1.0616	117
.2391	.1046	.0011	.0040	.0032	.0384	.....	.0013	*q*.3917	118
.4482	.1716	.0016	.0064	.0171	.0515	.....	.0021	*q*.6985	119
.2401	.0794	.0098	.0092	.0047	.0150	.0101	.0019	.3702	120
b.1778	*b*,*c*.0418	.0022	.0019	(*d*)	*d*.0085	.....	.0006	*e*.2328	121
b.2030	*b*,*c*.0488	.0025	.0022	(*d*)	*d*.0094	.....	.0006	*e*.2665	122
b.2299	*b*,*c*.0600	.0029	.0026	(*d*)	*d*.0104	.....	.0007	*e*.3065	123
b.2528	*b*,*c*.0682	.0032	.0028	(*d*)	*d*.0112	.....	.0008	*e*.3390	124
b.3004	*b*,*c*.0774	.0038	.0033	(*d*)	*d*.0129	.....	.0009	*e*.3987	125
b.0899	*b*,*c*.0311	.0006	.0005	(*d*)	*d*.0037	.....	.0002	*e*.1260	126
b.0774	*b*,*c*.0197	.0005	.0004	(*d*)	*d*.0031	.....	.0001	*e*.1012	127
b.0851	*b*,*c*.0448	.0007	.0006	(*d*)	*d*.0051	.....	.0002	*e*.1365	128
b.0973	*b*,*c*.0326	.0013	.0012	(*d*)	*d*.0052	.....	.0003	*e*.1379	129
b.0994	*b*,*c*.0251	.0006	.0005	(*d*)	*d*.0037	.....	.0002	*e*.1295	130
b.1161	*b*,*c*.0323	.0007	.0007	(*d*)	*d*.0042	.....	.0002	*e*.1542	131
b.1555	*b*,*c*.0558	.0011	.0009	(*d*)	*d*.0055	.....	.0003	*e*.2191	132

l Worsted, number 70; and spun silk, 140.
m Worsted, 70; and spun silk, 14.
n Not reported.
o The expenditures for fuel and lighting, power, and machinery are inseparably combined with those for other supplies and repairs.
p Including the expenditures for rent of plant which are inseparably combined with those for water power.
q In addition, the following amounts were paid another establishment for dyeing: for that product numbered 118, $0.0576; for that numbered 119, $0.1039.
r Worsted, number 80; and cotton, 60, two-ply.
s Worsted, number 100; and cotton, 60, two-ply.
t Worsted, 56; and cotton, 8.
u Worsted, 48; and cotton, 8.
v Worsted, number 75; and cotton, 60, two-ply.
w Worsted, 46; and cotton, 18.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—ELEMENTS OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain. Insurance, interest,

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound	Number of yarn.				Per inch.	
						Warp.		Weft.		Threads of warp.	Picks of weft.
						Wool.	Worsted.	Wool.	Worsted.		
133	42	Continent of Europe.	Muslin (*a*)	42.13	4.41	.....	75.00	.....	110.00	78	76
134	42	....do	Muslin (*a*)	42.50	4.28	.....	80.00	.....	170.00	74	136
135	42	....do	Nun's cloth (*a*)	38.60	7.35	.....	80.00	.....	100.00	52	48
136	42	....do	Nun's veiling (*a*)	38.20	5.78	.....	(*f*)	.....	120.00	(*g*)	74
137	42	....do	Nun's veiling (*a*)	39.00	5.41	.....	(*h*)	.....	100.00	(*i*)	62
138	42	....do	Nun's veiling (*a*)	39.40	5.42	.....	(*f*)	.....	100.00	(*j*)	62
139	21	United St's	Overcoating	54.00	1.07	8.00	.....	7.50	.....	70	56
140	7	....do	Overcoating	54.00	.57	4.25	.....	4.75	.....	60	58
141	24	....do	Overcoating	54.00	.50	*k*3.75	.....	*l*3.33	.....	122	58
142	24	....do	Overcoating	54.00	.50	*k*3.75	.....	4.00	.....	126	76
143	21	....do	Overcoating, kersey.	54.00	1.00	4.50	.....	7.00	.....	62	52
144	21	....do	Overcoating, kersey.	54.00	.59	(*m*)	.....	4.50	.....	85	66
145	22	....do	Overcoating, kersey.	54.00	.59	4.50	.....	4.50	.....	85	68
146	21	....do	Overcoating, melton.	54.00	1.14	4.50	.....	7.00	.....	53	52
147	22	....do	Overcoating, melton.	54.00	1.14	4.00	.....	6.00	.....	53	44
148	23	....do	Overcoating, melton.	54.00	1.14	4.00	.....	6.00	.....	48	44
149	22	....do	Overcoating, melton.	54.00	.70	3.25	.....	4.50	.....	62	52
150	22	....do	Overcoating, melton.	54.00	.70	2.75	.....	2.75	.....	48	44
151	23	....do	Overcoating, melton.	54.00	.70	3.50	.....	4.50	.....	64	68
152	21	....do	Overcoating, melton.	54.00	.66	3.50	.....	4.50	.....	67	68
153	41	....do	Piccadilly (*o*)	56.00	.62	4.00	.....	(*p*)	.....	86	66
154	36	....do	Plain black cloth(*o*)	54.00	.94	2.63	.....	3.00	.....	35	40
155	36	....do	Plain black cloth(*o*)	54.00	.84	2.25	.....	2.63	.....	40	40
156	36	....do	Plain black cloth(*o*)	54.00	.73	2.63	.....	2.63	.....	36	40
157	4	....do	Repellents	54.00	1.60	*q*28.00	.....	2.25	.....	55	28
158	42	Continent of Europe.	Serge (*a*)	40.50	3.84	.....	70.00	.....	105.00	96	74
159	42	....do	Serge (*a*)	40.90	3.51	.....	70.00	.....	(*s*)	98	84
160	42	....do	Serge (*a*)	41.33	3.23	.....	64.00	.....	90.00	98	82
161	42	....do	Serge (*a*)	43.33	3.02	.....	70.00	.....	110.00	100	114
162	42	....do	Serge (*a*)	48.00	3.26	.....	70.00	.....	105.00	96	74
163	42	....do	Serge (*a*)	48.40	2.97	.....	70.00	.....	100.00	98	84
164	42	....do	Serge (*a*)	48.80	2.74	.....	64.00	.....	90.00	98	82
165	42	....do	Serge (*a*)	48.80	2.70	.....	70.00	.....	110.00	100	114
166	42	....do	Serge (*a*)	52.75	2.50	.....	70.00	.....	110.00	98	114
167	27	United St's	Serge	54.00	1.19	5.00	.....	5.50	.....	52	48
168	14	....do	Suiting	27.00	3.76	5.25	.....	7.25	.....	49	36
169	16	....do	Suiting	54.00	1.07	5.13	.....	7.13	.....	55	72
170	7	....do	Suiting	54.00	.71	5.00	.....	6.00	.....	60	54
171	7	....do	Suiting	54.00	.67	4.50	.....	5.00	.....	60	58
172	7	....do	Suiting	54.00	.67	5.00	.....	6.00	.....	70	68
173	16	....do	Tweed	54.00	1.07	4.25	.....	6.75	.....	60	56

a Made in 1890.

b The yarn was bought, hence the cost of spinning and preceding operations is included with the cost of materials.

c Not including finishing.

d The expenditures for oil are inseparably combined with those for other supplies and repairs.

e In addition, the following amounts were paid another establishment for dyeing and finishing: for those products numbered 133, 134, and 135, $0.0168; for those numbered 136, 137, 138, and 161, $0.0252; for those numbered 158 and 159, $0.0216; for that numbered 160, $0.0235; for those numbered 162 and 163, $0.0312; for those numbered 164 and 165, $0.0319; for that numbered 166, $0.0335.

f Worsted, number 75; and cotton, 60.

g Worsted, 50; and cotton, 14.

h Worsted, number 75; cotton, for border, 60; and cotton and worsted mixed, 72.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—ELEMENTS OF COST IN ONE YARD—Continued.

depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.	Product number.
			Fuel and lighting.	Oil.	Other.				
b $0.1403	*b, c* $0.0519	$0.0010	$0.0008	(*d*)	*d* $0.0055	.....	$0.0002	*e* $0.1997	133
b .2190	*b, c* .0628	.0028	.0025	(*d*)	*d* .0099	.....	.0007	*e* .2977	134
b .0687	*b, c* .0191	.0004	.0004	(*d*)	*d* .0029	.....	.0001	*e* .0916	135
b .0922	*b, c* .0320	.0013	.0011	(*d*)	*d* .0051	.....	.0003	*e* .1320	136
b .0961	*b, c* .0364	.0013	.0012	(*d*)	*d* .0057	.....	.0003	*e* .1410	137
b .0940	*b, c* .0394	.0013	.0012	(*d*)	*d* .0056	.....	.0003	*e* .1418	138
1.1693	.3238	.0394	.0202	$0.0041	.0498	.....	.0101	1.6167	139
.7524	.2981	.0264	.0194	.0030	.0878	.....	.0021	1.1892	140
1.9081	.6406	.0395	.0469	.0171	.1415	.....	.0090	2.8027	141
1.9940	.7003	.0445	.0529	.0192	.1594	.....	.0101	2.9804	142
1.2312	.3209	.0366	.0187	.0038	.0463	.....	.0094	1.6669	143
1.3712	.4536	.0465	.0238	.0048	.0587	.....	.0120	1.9706	144
1.1641	.3807	.0086	.0134	.0101	.0696	.....	.0067	1.6532	145
.8363	.3002	.0366	.0187	.0038	.0463	.....	.0094	1.2513	146
.8864	.2135	.0056	.0087	.0066	.0450	.....	.0044	1.1702	147
.8552	.2654	.0123	.0190	.0041	.0564	(*n*)	(*n*)	1.2124	148
1.5248	.3133	.0066	.0102	.0078	.0532	.....	.0051	1.9210	149
.8841	.2985	.0056	.0087	.0066	.0450	.....	.0044	1.2529	150
1.1528	.4237	.0194	.0432	.0694	.0872	(*n*)	(*n*)	1.7357	151
1.2424	.4383	.0479	.0245	.0050	.0605	.....	.0123	1.8309	152
.9310	.5369	.0406	.0405	.0150	.0710	.....	.0250	1.6600	153
.5126	.1814	.0120	.0164	.0086	.0624	.....	.0022	.7956	154
.5729	.1954	.0134	.0184	.0096	.0697	.....	.0025	.8819	155
.6633	.2164	.0155	.0213	.0111	.0807	.....	.0029	1.0112	156
r .1983	*r* .0616	.0124	.0086	.0023	.0045	$0.0009	.0020	.2906	157
b .1356	*b, c* .0256	.0016	.0014	(*d*)	*d* .0077	.....	.0004	*e* .1723	158
b .1555	*b, c* .0280	.0018	.0016	(*d*)	*d* .0084	.....	.0005	*e* .1958	159
b .1592	*b, c* .0281	.0019	.0017	(*d*)	*d* .0087	.....	.0005	*e* .2001	160
b .1816	*b, c* .0413	.0022	.0020	(*d*)	*d* .0096	.....	.0006	*e* .2373	161
b .1598	*b, c* .0280	.0019	.0017	(*d*)	*d* .0089	.....	.0005	*e* .2008	162
b .1835	*b, c* .0325	.0022	.0019	(*d*)	*d* .0098	.....	.0006	*e* .2305	163
b .1877	*b, c* .0321	.0022	.0020	(*d*)	*d* .0102	.....	.0005	*e* .2347	164
b .2038	*b, c* .0452	.0025	.0022	(*d*)	*d* .0107	.....	.0006	*e* .2650	165
b .2191	*b, c* .0500	.0027	.0024	(*d*)	*d* .0115	.....	.0007	*e* .2864	166
.5828	.2232	.0155	.0142	.0029	.0135	.....	.0037	.8558	167
.2033	.0372	.0048	.0036	.0018	.0056	.....	.0018	.2581	168
.9948	.4042	.0078	.0191	.0192	.0217	.....	.0093	1.4761	169
r .6596	*r* .2706	.0246	.0180	.0028	.0817	.....	.0020	1.0593	170
r .7042	*r* .2841	.0264	.0194	.0030	.0878	.....	.0021	1.1270	171
r .7095	*r* .3220	.0309	.0227	.0035	.1029	.....	.0024	1.1939	172
.8100	.3644	.0078	.0191	.0192	.0217	.....	.0093	1.2515	173

i Worsted, 58; and cotton and worsted mixed, 8.
j Worsted, 58; and cotton, 8.
k Average number, 2.50 and 5 having been used.
l Average number, 2.50 and 4 having been used.
m Number 5.50 was used for face and 3.25 for back.
n Rent for water power and taxes not paid by lessees of mill.
o Made in 1891.
p Numbers 1.50 and 4.50 were used.
q Cotton yarn.
r Part of the yarn was bought, hence part of the cost of spinning and preceding operations is included with the cost of materials.
s Numbers 100 and 120 were used.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—ELEMENTS OF COST IN ONE YARD—Concluded.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain. Insurance, interest,

Product number.	Establishment number.	Locality.	Name.	Inches wide.	Yards per pound.	Number of yarn.				Per inch.	
						Warp.		Weft.		Threads of warp.	Picks of weft.
						Wool.	Worsted.	Wool.	Worsted.		
174	31	Great Brit.	Tweed	56.00	1.31	4.75	.....	4.75	.....	32	32
175	35	United St's	Worsted goods (*b*)	28.00	2.45	.....	*c*36.00	.....	32.00	80	80
176	35	....do	Worsted goods (*b*)	28.00	2.26	.....	*c*36.00	.....	15.00	64	60
177	35	....do	Worsted goods (*b*)	32.00	5.44	.....	*e*50.00	.....	42.00	71	64
178	35	....do	Worsted goods (*b*)	34.50	5.25	.....	*e*50.00	.....	44.00	71	64
179	42	Continent of Europe.	Worsted goods (*f*)	37.00	4.71	.....	(*g*)	.....	90.00	(*h*)	66
180	42	....do	Worsted goods (*f*)	38.60	4.55	.....	(*g*)	.....	90.00	(*l*)	66
181	35	United St's	Worsted goods (*b*)	45.00	4.38	.....	*e*50.00	.....	70.00	82	100
182	30	... do	Worsted goods	54.00	1.33	.....	*c*40.00	.....	*c*40.00	60	64
183	24	....do	Worsted goods	54.00	1.10	.....	*c*40.00	.....	*c*40.00	100	80
184	24	....do	Worsted goods	54.00	1.00	.....	*c*40.00	*p*6.00	.....	71	66
185	24	....do	Worsted goods	54.00	1.00	.....	*c*40.00	*p*5.90	.....	98	54
186	24	....do	Worsted goods	54.00	1.00	.....	*c*40.00	5.00	.....	98	70
187	30	....do	Worsted goods	54.00	1.00	.....	*c*40.00	.....	*c*40.00	70	74
188	24	....do	Worsted goods	54.00	.94	.....	*c*40.00	5.00	.....	98	66
189	24	....do	Worsted goods	54.00	.94	.....	*c*40.00	5.00	.....	98	64
190	33	....do	Worsted goods (*b*)	54.00	.92	.....	*c*40.00	.....	*c*40.00	74	80
191	24	....do	Worsted goods	54.00	.91	.....	*c*40.00	*p*5.90	.....	98	58
192	24	....do	Worsted goods	54.00	.89	.....	*c*40.00	*q*4.60	.....	65	64
193	39	....do	Worsted goods (*r*)	54.00	.88	.....	*c*40.00	.....	*c*40.00	70	74
194	23	....do	Worsted goods	54.00	.73	*s*3.50	*t*40.00	*s*7.00	*t*40.00	113	90
195	23	....do	Worsted goods	54.00	.73	.....	*c*40.00	.....	*c*40.00	133	96
196	21	....do	Worsted goods	54.00	.70	*s*5.75	*t*40.00	.....	*c*40.00	133	80
197	24	....do	Worsted goods	54.00	.67	4.00	*c*40.00	*w*4.70	.....	97	92
198	24	....do	Worsted goods	54.00	.67	4.00	*c*40.00	*w*4.68	.....	101	92
199	24	....do	Worsted goods	54.00	.67	4.00	*c*40.00	*x*4.76	.....	97	92
200	24	....do	Worsted goods	54.00	.62	4.00	*c*40.00	(*y*)	.....	100	94
201	13	....do	Worsted goods	55.00	1.28	.....	*c*40.00	.....	*c*40.00	75	66
202	13	....do	Worsted goods	55.00	1.10	.....	*c*40.00	.....	*c*40.00	105	80
203	13	....do	Worsted goods	55.00	1.10	.....	*c*40.00	.....	*c*40.00	81	80
204	13	....do	Worsted goods	55.00	1.00	.....	*c*40.00	3.25	.....	93	46
205	13	....do	Worsted goods	55.00	1.00	.....	*c*40.00	.....	*c*40.00	101	84
206	13	....do	Worsted goods	55.00	.70	*s*3.50	*t*40.00	(*z*)	.....	108	82
207	13	....do	Worsted goods	55.00	.70	*s*3.50	*t*40.00	5.50	.....	128	80
208	13	....do	Worsted goods	55.00	.70	*s*3.50	*t*40.00	(*aa*)	.....	110	86
209	13	....do	Worsted goods	55.00	.70	*s*3.50	*t*40.00	*s*5.50	*t*40.00	122	82
210	13	....do	Worsted goods	55.00	.70	.....	*c*40.00	(*bb*)	.....	105	100
211	38	....do	Worsted goods (*f*)	56.00	1.04	.....	*c*42.00	.....	*c*42.00	96	64
212	20	....do	Worsted goods	56.00	.84	6.00	12.00	3.00	.....	72	40
213	46	Great Brit.	Worsted goods (*b*)	56.00	.80	.....	*c*44.00	.....	16.00	(*n*)	104
214	38	United St's	Worsted goods (*f*)	56.00	.77	.....	*c*42.00	.....	*c*42.00	125	88
215	44	Great Brit.	Worsted goods (*b*)	56.00	.75	.....	*c*28.00	.....	12.75	(*n*)	59
216	45	....do	Worsted goods (*f*)	58.00	.86	.....	*c*48.00	.....	*c*48.00	128	64
217	42	Continent of Europe.	Worsted goods (*f*)	63.00	.67	.....	*c*40.00	.....	80.00	98	132

a In addition, $0.0740 was paid another establishment for dyeing.
b Made in 1889.
c Two-ply.
d The expenditures for oil are inseparably combined with those for other supplies and repairs.
e Cotton yarn.
f Made in 1890.
g Worsted, number 75; dyed worsted, 60; and cotton, 46.
h Worsted, 58; dyed worsted, 10; and cotton, 10.
i The yarn was bought, hence the cost of spinning and preceding operations is included with the cost of materials.
j Not including finishing.
k In addition, the following amounts were paid another establishment for dyeing and finishing: for that product numbered 179, $0.0216; for that numbered 180, $0.0235; for that numbered 217, $0.1341.
l Worsted, 56; dyed worsted, 12; and cotton, 6.
m Part of the yarn was bought, hence part of the cost of spinning and preceding operations is included with the cost of materials.
n Not reported.
o Not including officials and clerks.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—ELEMENTS OF COST IN ONE YARD—Concluded.

depreciation of value of plant, and charges for freight of product to place of free delivery are not included.

Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.	Product number.
			Fuel and lighting.	Oil.	Other.				
$0.5386	$0.3164	$0.0144	$0.0084	$0.0055	$0.0063	.....	$0.0025	*a* $0.8921	174
.2072	.1475	.0057	.0041	(*d*)	*d*.0239	.....	.0051	.3926	175
.2251	.0975	.0048	.0052	(*d*)	*d*.0215	.....	.0047	.3588	176
.0887	.0393	.0039	.0040	(*d*)	*d*.0154	.....	.0034	.1547	177
.0921	.0440	.0037	.0041	(*d*)	*d*.0159	.....	0035	.1633	178
i.1135	*i*, *j*.0385	.0008	.0007	(*d*)	*d*.0048	.....	.0002	*k*.1585	179
i.1185	*i*, *j*.0278	.0015	.0013	(*d*)	*d*.0059	.....	.0004	*k*.1554	180
m.1912	*m*.0441	(*n*)	.0049	(*d*)	*d*.0188	.....	.0041	*o*.2631	181
i.9400	*i*.2015	.0208	.0135	(*d*)	*d*.0094	.....	.0010	1.1862	182
*i*1.6010	*i*.3687	.0185	.0221	(*d*)	*d*.0636	.....	.0042	2.0781	183
*m*1.3439	*m*.4346	.0275	.0327	.0094	.0974	.....	.0063	1.9518	184
*m*1.3719	*m*.4128	.0258	.0307	.0077	.0906	.....	.0059	1.9454	185
*m*1.5722	*m*.4391	.0240	.0473	.0069	.0843	.....	.0055	2.1793	186
*i*1.3800	*i*.2383	.0208	.0138	(*d*)	*d*.0115	.....	.0011	1.6655	187
*m*1.4056	*m*.4160	.0234	.0278	.0066	.0821	.....	.0054	1.9669	188
*m*1.2154	*m*.3895	.0219	.0260	.0061	.0767	.....	.0050	1.7406	189
*i*1.5150	*i*.3500	.0500	.0300	(*d*)	*d*.0510	.....	.0100	2.0060	190
*m*1.4445	*m*.4531	.0279	.0332	.0086	.0982	.....	.0064	2.0719	191
*m*1.4427	*m*.4289	.0242	.0288	.0081	.0857	.....	.0056	2.0240	192
*i*1.3300	*i*.2760	.0200	.0136	(*d*)	*d*.0250	.....	.0070	1.6716	193
*m*1.9217	*m*.3805	.0252	.0388	.0084	.1154	(*u*)	(*u*)	2.4900	194
*i*2.2901	*i*, *v*.3884	.0269	.0414	.0090	.1231	(*u*)	(*u*)	*v* 2.8789	195
*m*1.8559	*m*.4078	.0563	.0288	.0058	.0712	.....	.0145	2.4403	196
*m*1.7255	*m*.5856	.0338	.0402	.0122	.1200	.....	.0077	2.5250	197
*m*1.7650	*m*.5998	.0342	.0407	.0125	.1214	.....	.0078	2.5814	198
*m*1.8074	*m*.6126	.0370	.0440	.0135	.1312	.....	.0084	2.6541	199
*m*1.7230	*m*.6505	.0415	.0496	.0157	.1480	.....	.0096	2.6379	200
*i*1.1480	*i*.3144	.0502	.0271	.0080	.0740	.....	.0105	1.6322	201
*i*1.5224	*i*.4027	.0608	.0328	.0097	.0897	.....	.0249	2.1430	202
*i*1.3607	*i*.3894	.0608	.0328	.0097	.0897	.....	.0249	1.9680	203
*m*1.2315	*m*.3066	.0350	.0189	.0056	.0526	.....	.0143	1.6645	204
*i*1.6772	*i*.4227	.0639	.0344	.0102	.0942	.....	.0261	2.3287	205
*m*1.3541	*m*.5009	.0624	.0336	.0100	.0920	.....	.0255	2.0785	206
*m*1.4689	*m*.4982	.0608	.0328	.0097	.0897	.....	.0249	2.1850	207
*m*1.5044	*m*.5281	.0624	.0353	.0104	.0964	.....	.0268	2.2638	208
*m*1.4007	*m*.5001	.0624	.0336	.0100	.0920	.....	.0255	2.1243	209
*m*1.5083	*m*.5962	.0761	.0410	.0100	.1122	.....	.0311	2.3749	210
*i*1.3000	*i*.3787	.0215	.0092	(*d*)	*d*.0128	.....	.0036	1.7258	211
m.3501	*m*.1410	.0272	.0174	.0052	.0022	.....	.0016	.5447	212
i, *cc*.7849	*i*.1445	.0017	(*dd*)	(*dd*)	*dd*.0532	.....	.0017	.9860	213
*i*1.5300	*i*.4462	.0300	.0130	(*d*)	*d*.0180	.....	.0050	2.0422	214
i.8644	*i*.1359	.0315	.0045	.....	*ee*.0135	.....	.0023	*ff* 1.0521	215
.5739	.4640	(*n*)	.0325	.0020	.0020	.....	.0020	*o* 1.0764	216
*i*1.0192	*i*, *j*.2756	.0160	.0142	(*d*)	*d*.0487	.....	.0040	*k* 1.3777	217

p Average number, 5 and 6.50 having been used.
q Average number, 4 and 5 having been used.
r Made in 1888.
s Used for back.
t Two-ply; used for face.
u Rent for water power and expenditures for taxes not paid by lessees of the mill.
v Not including dyeing labor.
w Average number, 3 and 6.50 having been used.
x Average number, 3, 5, and 6.50 having been used.
y Numbers 5 and 6.50 were used.
z Number 5.50 was used for face and 3.50 for back.
aa Numbers 3.50 and 5.50 were used.
bb Number 5.50 was used for face and 3 for back.
cc Including oil and soap.
dd The expenditures for fuel and lighting, power, and machinery are inseparably combined with those for other supplies and repairs, and the expenditures for oil and soap with those for dye.
ee The expenditures for rent are inseparably combined with those for other supplies and repairs.
ff Including rent; in addition, $0.1014 was paid another establishment for dyeing.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

N.—PER CENT. OF EACH ELEMENT OF COST IN ONE YARD.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain. This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.
					Fuel and lighting.	Oil.	Other.			
1	42	72.66	21.36	.96	.85	.....	3.92	.....	.25	100
2	42	68.32	26.10	.93	.83	.....	3.58	.....	.24	100
3	42	65.26	29.14	.96	.83	.....	3.58	.....	.23	100
4	42	68.13	26.06	.95	.84	.....	3.78	.....	.24	100
5	42	68.40	25.90	.94	.84	.....	3.69	.....	.23	100
6	42	64.34	29.96	.96	.82	.....	3.69	.....	.23	100
7	41	64.12	22.06	2.72	2.68	.96	6.18	.....	1.28	100
8	41	55.04	27.96	3.28	3.49	1.16	8.37	.....	.70	100
9	16	67.49	26.67	.59	1.45	1.46	1.64	.....	.70	100
10	42	76.67	17.22	.98	.84	.....	4.08	.....	.21	100
11	42	75.50	18.55	.94	.82	.....	3.95	.....	.24	100
12	42	75.08	19.14	.97	.82	.....	3.74	.....	.25	100
13	42	72.87	21.53	.93	.85	.....	3.60	.....	.22	100
14	42	72.90	21.59	.95	.83	.....	3.49	.....	.24	100
15	42	73.18	21.55	.95	.81	.....	3.26	.....	.25	100
16	42	75.56	18.49	.95	.83	.....	3.95	.....	.22	100
17	42	75.41	18.99	.93	.82	.....	3.59	.....	.26	100
18	42	72.77	21.81	.96	.83	.....	3.41	.....	.22	100
19	42	72.63	22.03	.94	.82	.....	3.35	.....	.23	100
20	42	72.67	22.08	.94	.84	.....	3.23	.....	.24	100
21	42	72.91	21.91	.94	.84	.....	3.15	.....	.25	100
22	42	77.91	16.20	.97	.81	.....	3.86	.....	.25	100
23	42	77.84	16.39	.93	.84	.....	3.75	.....	.25	100
24	42	74.69	19.57	.94	.82	.....	3.75	.....	.23	100
25	42	83.30	11.01	.96	.82	.....	3.66	.....	.25	100
26	19	66.79	25.19	3.16	3.16	.27	.73	.53	.17	100
27	18	62.53	17.36	3.46	1.95	3.72	6.83	3.58	.57	100
28	22	73.32	20.32	.50	.79	.60	4.08	.....	.39	100
29	21	68.92	23.38	2.46	1.26	.25	3.10	.....	.63	100
30	7	62.30	25.02	2.41	1.78	.27	8.02	.....	.20	100
31	8	58.23	28.93	2.56	1.59	.44	8.25	.....	.....	100
32	25	67.11	26.06	3.56	1.97	.59	.57	.....	.14	100
33	26	72.50	20.28	3.19	1.33	.34	2.24	.....	.12	100
34	26	66.31	24.85	3.91	1.62	.41	2.74	.....	.16	100
35	34	67.40	20.03	3.82	.63	.....	7.84	.....	.28	100
36	40	68.79	25.05	1.55	2.24	.66	1.24	.....	.47	100
37	40	71.22	23.11	1.43	2.07	.61	1.14	.....	.42	100
38	24	64.03	24.90	1.72	2.05	.74	6.17	.....	.39	100
39	24	61.43	26.85	1.83	2.16	.79	6.53	.....	.41	100
40	24	60.84	27.26	1.85	2.20	.80	6.63	.....	.42	100
41	24	62.92	25.97	1.73	2.05	.75	6.19	.....	.39	100
42	24	61.65	26.90	1.78	2.11	.77	6.39	.....	.40	100
43	24	66.11	24.39	1.48	1.76	.64	5.29	.....	.33	100
44	24	64.96	25.68	1.45	1.73	.63	5.22	.....	.33	100
45	24	69.07	22.86	1.25	1.50	.54	4.49	.....	.29	100
46	24	67.58	23.26	1.42	1.69	.62	5.11	.....	.32	100
47	24	68.49	23.11	1.32	1.57	.57	4.73	.....	.30	100
48	24	66.93	23.86	1.48	1.77	.64	4.98	.....	.34	100
49	24	62.06	25.89	1.87	2.23	.81	6.71	.....	.43	100
50	28	65.70	26.96	1.95	1.33	.....	3.56	.....	.50	100
51	32	56.80	30.53	4.53	2.33	.....	4.15	.....	1.66	100
52	25	67.89	25.21	3.72	1.82	.62	.59	.....	.15	100
53	21	69.24	23.13	2.43	1.25	.25	3.98	.....	.62	100
54	22	66.65	28.54	.38	.59	.45	3.09	.....	.30	100
55	22	69.00	25.44	.44	.69	.52	3.56	.....	.35	100
56	34	66.93	19.82	3.73	.49	.....	8.56	.....	.47	100
57	8	52.94	31.20	3.17	1.96	.55	10.18	.....	.....	100
58	24	65.90	23.79	1.60	1.90	.69	5.75	.....	.37	100
59	26	66.49	25.15	3.83	1.21	.47	2.70	.....	.15	100
60	26	74.20	19.18	3.04	.96	.37	2.13	.....	.12	100
61	29	66.36	26.00	1.86	1.63	.....	3.67	.....	.48	100
62	40	69.78	24.26	1.50	2.18	.....	1.84	.....	.44	100
63	7	71.92	19.79	1.58	1.16	.18	5.25	.....	.12	100
64	24	64.86	25.01	1.58	1.87	.68	5.64	.....	.36	100
65	24	65.96	23.78	1.59	1.89	.69	5.70	.....	.39	100
66	13	65.45	25.87	2.43	1.30	.39	3.57	.....	.99	100
67	13	68.48	23.48	2.24	1.22	.35	3.31	.....	.92	100

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

N.—PER CENT. OF EACH ELEMENT OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain. This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.
					Fuel and lighting.	Oil.	Other.			
68	13	67.54	23.82	2.41	1.30	.38	3.56	.....	.99	100
69	13	66.01	24.94	2.53	1.36	.40	3.72	.....	1.04	100
70	38	75.89	21.49	1.16	.58	.....	.69	.....	.19	100
71	36	62.89	27.43	3.29	2.19	2.56	1.46	.....	.18	100
72	42	75.04	19.19	.98	.81	.....	3.75	.....	.23	100
73	31	62.03	33.49	1.68	.99	.69	.81	.....	.31	100
74	21	69.30	21.56	2.94	1.42	.30	3.72	.....	.76	100
75	7	64.79	23.52	2.23	1.64	.24	7.40	.....	.18	100
76	21	68.18	25.96	1.87	.96	.19	2.36	.....	.48	100
77	21	68.51	23.61	2.52	1.28	.26	3.18	.....	.64	100
78	22	67.95	25.78	.50	.77	.59	4.02	.....	.39	100
79	23	65.02	26.57	1.13	1.73	.38	5.17	.....	.....	100
80	22	67.45	25.23	.58	.90	.69	4.69	.....	.46	100
81	34	60.99	22.64	5.87	.65	.....	9.57	.....	.23	100
82	21	63.95	28.99	2.24	1.15	.23	2.86	.....	.58	100
83	21	60.49	28.86	3.40	1.73	.36	4.29	.....	.87	100
84	22	70.49	24.97	.36	.56	.43	2.91	.....	.28	100
85	34	64.47	21.98	4.39	.70	.....	8.14	.....	.32	100
86	23	63.07	30.69	.84	1.29	.28	3.83	.....	.....	100
87	13	62.36	27.70	2.78	1.49	.44	4.09	.....	1.14	100
88	13	64.53	28.25	2.01	1.09	.32	2.97	.....	.83	100
89	13	57.89	33.86	2.30	1.24	.37	3.40	.....	.94	100
90	7	62.05	25.47	2.39	1.76	.27	7.87	.....	.19	100
91	16	67.34	25.33	.74	1.82	1.83	2.06	.....	.88	100
92	42	68.77	25.07	.95	.85	.....	4.14	.....	.22	100
93	16	72.90	20.69	.65	1.59	1.60	1.80	.....	.77	100
94	37	63.12	32.68	1.63	.86	.....	.68	.....	1.03	100
95	37	75.21	22.10	1.06	.53	.....	.46	.....	.64	100
96	14	78.77	14.37	1.89	1.40	.70	2.17	.....	.70	100
97	14	78.74	14.43	1.86	1.44	.72	2.15	.....	.66	100
98	14	78.76	14.38	1.87	1.43	.71	2.19	.....	.66	100
99	1	75.69	16.20	2.16	1.06	.67	3.61	.....	.61	100
100	2	77.14	15.95	1.64	1.21	.42	3.03	.....	.61	100
101	14	78.72	14.39	1.87	1.42	.71	2.18	.....	.71	100
102	8	48.90	32.54	3.70	2.31	.64	11.91	.....	.....	100
103	15	79.75	11.61	1.86	1.12	.58	4.46	.....	.62	100
104	15	79.64	11.68	1.86	1.14	.59	4.50	.....	.59	100
105	14	78.77	14.41	1.87	1.43	.67	2.18	.....	.67	100
106	14	78.74	14.42	1.87	1.43	.69	2.16	.....	.69	100
107	16	72.81	20.63	.66	1.63	1.64	1.84	.....	.79	100
108	12	64.06	23.54	2.57	2.18	.81	5.99	.....	.85	100
109	3	70.57	20.70	2.03	1.50	.50	3.53	.67	.50	100
110	5	73.45	15.41	.90	.75	.45	9.04	.....	.....	100
111	10	68.84	17.80	3.54	1.40	.39	8.03	.....	.....	100
112	42	73.83	19.35	1.17	1.02	.....	4.34	.....	.29	100
113	42	64.76	29.31	.95	.84	.....	3.93	.....	.21	100
114	6	63.51	24.44	2.70	3.09	.43	5.20	.47	.16	100
115	9	68.21	22.93	2.63	1.97	.56	3.08	.....	.62	100
116	46	67.73	13.02	.21	.....	1.31	17.44	.....	.29	100
117	11	74.49	19.56	.73	1.09	.55	1.66	1.52	.40	100
118	43	61.04	26.71	.28	1.02	.82	9.80	.....	.33	100
119	43	64.17	24.57	.23	.92	2.44	7.37	.....	.30	100
120	17	64.88	21.44	2.64	2.48	1.27	4.05	2.73	.51	100
121	42	76.37	17.96	.94	.82	.....	3.65	.....	.26	100
122	42	76.17	18.31	.94	.83	.....	3.53	.....	.22	100
123	42	75.01	19.57	.95	.85	.....	3.39	.....	.23	100
124	42	74.57	20.12	.94	.83	.....	3.30	.....	.24	100
125	42	75.34	19.41	.95	.83	.....	3.24	.....	.23	100
126	42	71.35	24.68	.47	.40	.....	2.94	.....	.16	100
127	42	76.48	19.47	.49	.40	.....	3.06	.....	.10	100
128	42	62.34	32.82	.51	.44	.....	3.74	.....	.15	100
129	42	70.56	23.64	.94	.87	.....	3.77	.....	.22	100
130	42	76.76	19.38	.46	.39	.....	2.86	.....	.15	100
131	42	75.29	20.95	.46	.45	.....	2.72	.....	.13	100
132	42	70.97	25.47	.50	.41	.....	2.51	.....	.14	100
133	42	70.26	25.99	.50	.40	.....	2.75	.....	.10	100
134	42	73.56	21.09	.94	.84	.....	3.33	.....	.24	100

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

N.—PER CENT. OF EACH ELEMENT OF COST IN ONE YARD—Continued.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain. This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.
					Fuel and lighting.	Oil.	Other.			
135	42	75.00	20.85	.44	.44	.....	3.16	.....	.11	100
136	42	69.85	24.24	.99	.83	.....	3.86	.....	.23	100
137	42	68.16	25.82	.92	.85	.....	4.04	.....	.21	100
138	42	66.29	27.78	.92	.85	.....	3.95	.....	.21	100
139	21	72.33	20.03	2.44	1.25	.25	3.08	.....	.62	100
140	7	63.27	25.07	2.22	1.63	.25	7.38	.....	.18	100
141	24	68.08	22.86	1.41	1.67	.61	5.05	.....	.32	100
142	24	66.90	23.50	1.49	1.78	.64	5.35	.....	.34	100
143	21	73.86	19.25	2.20	1.12	.23	2.78	.....	.56	100
144	21	69.58	23.02	2.36	1.21	.24	2.98	.....	.61	100
145	22	70.41	23.03	.52	.81	.61	4.21	.....	.41	100
146	21	66.84	23.99	2.93	1.49	.30	3.70	.....	.75	100
147	22	75.75	18.24	.48	.74	.56	3.85	.....	.38	100
148	23	70.54	21.89	1.01	1.57	.34	4.65	.....	.....	100
149	22	79.37	16.31	.34	.53	.41	2.77	.....	.27	100
150	22	70.56	23.83	.45	.69	.53	3.59	.....	.35	100
151	23	66.42	24.41	1.12	2.49	.54	5.02	.....	.....	100
152	21	67.86	23.94	2.62	1.34	.27	3.30	.....	.67	100
153	41	56.08	32.34	2.45	2.44	.90	4.28	.....	1.51	100
154	36	64.43	22.80	1.51	2.06	1.08	7.84	.....	.28	100
155	36	64.96	22.16	1.52	2.09	1.09	7.90	.....	.28	100
156	36	65.59	21.40	1.53	2.11	1.10	7.98	.....	.29	100
157	4	68.24	21.20	4.26	2.96	.79	1.55	.31	.69	100
158	42	78.70	14.86	.93	.81	.....	4.47	.....	.23	100
159	42	79.42	14.30	.92	.82	.....	4.29	.....	.25	100
160	42	79.56	14.04	.95	.85	.....	4.35	.....	.25	100
161	42	76.53	17.40	.93	.84	.....	4.05	.....	.25	100
162	42	79.58	13.94	.95	.85	.....	4.43	.....	.25	100
163	42	79.61	14.10	.96	.82	.....	4.25	.....	.26	100
164	42	79.97	13.68	.94	.85	.....	4.35	.....	.21	100
165	42	76.90	17.06	.94	.83	.....	4.04	.....	.23	100
166	42	76.50	17.46	.94	.84	.....	4.02	.....	.24	100
167	27	68.10	26.08	1.81	1.66	.34	1.58	.....	.43	100
168	14	78.77	14.41	1.86	1.39	.70	2.17	.....	.70	100
169	16	67.39	27.38	.53	1.30	1.30	1.47	.....	.63	100
170	7	62.27	25.55	2.32	1.70	.26	7.71	.....	.19	100
171	7	62.48	25.21	2.34	1.72	.27	7.79	.....	.19	100
172	7	59.43	26.97	2.59	1.90	.29	8.62	.....	.20	100
173	16	64.72	29.12	.62	1.53	1.54	1.73	.....	.74	100
174	31	60.37	35.47	1.61	.94	.62	.71	.....	.28	100
175	35	52.78	37.57	1.45	1.04	.....	5.86	.....	1.30	100
176	35	62.74	27.17	1.34	1.45	.....	5.99	.....	1.31	100
177	35	57.34	25.40	2.52	2.59	.....	9.95	.....	2.20	100
178	35	56.40	26.94	2.27	2.51	.....	9.74	.....	2.14	100
179	42	71.61	24.29	.50	.44	.....	3.03	.....	.13	100
180	42	76.25	17.89	.96	.84	.....	3.80	.....	.26	100
181	35	72.67	16.76	.....	1.86	.....	7.15	.....	1.56	100
182	30	79.25	16.99	1.75	1.14	.....	.79	.....	.08	100
183	24	77.04	17.74	.89	1.07	.....	3.06	.....	.20	100
184	24	68.85	22.27	1.41	1.68	.48	4.99	.....	.32	100
185	24	70.52	21.22	1.33	1.58	.39	4.66	.....	.30	100
186	24	72.14	20.15	1.10	2.17	.32	3.87	.....	.25	100
187	30	82.86	14.31	1.25	.83	.....	.69	.....	.06	100
188	24	71.46	21.15	1.19	1.41	.34	4.17	.....	.28	100
189	24	69.82	22.38	1.26	1.49	.35	4.41	.....	.29	100
190	33	75.52	17.45	2.49	1.50	.....	2.54	.....	.50	100
191	24	69.72	21.87	1.35	1.60	.41	4.74	.....	.31	100
192	24	71.28	21.19	1.20	1.42	.40	4.23	.....	.28	100
193	39	79.56	16.51	1.20	.81	.....	1.50	.....	.42	100
194	23	77.18	15.28	1.01	1.56	.34	4.63	.....	.....	100
195	23	79.55	13.49	.93	1.44	.31	4.28	.....	.....	100
196	21	76.05	16.71	2.31	1.18	.24	2.92	.....	.59	100
197	24	68.34	23.19	1.34	1.59	.48	4.75	.....	.31	100
198	24	68.37	23.24	1.33	1.58	.48	4.70	.....	.30	100
199	24	68.10	23.08	1.39	1.66	.51	4.94	.....	.32	100
200	24	65.32	24.66	1.57	1.88	.60	5.61	.....	.36	100
201	13	70.34	19.26	3.08	1.66	.49	4.53	.....	.64	100

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

N.—PER CENT. OF EACH ELEMENT OF COST IN ONE YARD—Concluded.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain. This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.
					Fuel and lighting.	Oil.	Other.			
202	13	71.04	18.79	2.84	1.53	.45	4.19	.....	1.16	100
203	13	69.14	19.79	3.09	1.67	.49	4.56	.....	1.26	100
204	13	73.99	18.42	2.10	1.13	.34	3.16	.....	.86	100
205	13	72.02	18.15	2.74	1.48	.44	4.05	.....	1.12	100
206	13	65.15	24.10	3.00	1.62	.48	4.42	.....	1.23	100
207	13	67.23	22.80	2.78	1.50	.44	4.11	.....	1.14	100
208	13	66.45	23.33	2.76	1.56	.46	4.26	.....	1.18	100
209	13	65.94	23.54	2.94	1.58	.47	4.33	.....	1.20	100
210	13	63.51	25.10	3.20	1.73	.42	4.73	.....	1.31	100
211	38	75.33	21.94	1.25	.53	.....	.74	.....	.21	100
212	20	64.27	25.89	4.99	3.20	.96	.40	.....	.29	100
213	46	79.60	14.66	.17	.....	.....	5.40	.....	.17	100
214	38	74.92	21.85	1.47	.64	.....	.88	.....	.24	100
215	44	82.16	12.92	2.99	.43	.....	1.28	.....	.22	100
216	45	53.32	43.11	.....	3.02	.19	.18	.....	.18	100
217	42	73.98	20.00	1.16	1.03	.....	3.54	.....	.29	100

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

O.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE YARD.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain.]

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	42	$0.0002	$0.0031	$0.0009	$0.0042
2	42	.0002	.0031	.0010	.0043
3	42	.0003	.0033	.0010	.0046
4	42	.0004	.0045	.0014	.0063
5	42	.0004	.0046	.0014	.0064
6	42	.0003	.0034	.0010	.0047
7	41	.0350	.0800	.0600	.1750
8	41	.0200	.0475	.0400	.1075
9	16	.0050	----------	.0222	.0272
10	42	.0002	.0021	.0007	.0030
11	42	.0002	.0026	.0008	.0036
12	42	.0002	.0030	.0009	.0041
13	42	.0003	.0034	.0011	.0048
14	42	.0002	.0039	.0012	.0053
15	42	.0003	.0044	.0013	.0060
16	42	.0002	.0028	.0008	.0038
17	42	.0002	.0030	.0009	.0041
18	42	.0003	.0035	.0011	.0049
19	42	.0003	.0040	.0012	.0055
20	42	.0003	.0044	.0014	.0061
21	42	.0004	.0049	.0015	.0068
22	42	.0002	.0031	.0009	.0042
23	42	.0003	.0037	.0011	.0051
24	42	.0002	.0026	.0008	.0036
25	42	.0003	.0043	.0014	.0060
26	19	.0022	(*a*)	(*a*)	*b*.0022
27	18	.0055	.0257	.0134	.0446
28	22	.0045	.0283	----------	.0328
29	21	.0032	.0506	----------	.0538
30	7	.0034	.0522	.0123	.0679
31	8	.0035	.0381	----------	.0416
32	25	.0073	----------	----------	.0073
33	26	.0035	(*c*)	----------	*d*.0035
34	26	.0052	(*c*)	----------	*d*.0052
35	34	.0050	.0292	(*a*)	*e*.0342
36	40	.0063	----------	----------	.0063
37	40	.0063	----------	----------	.0063
38	24	.0059	----------	----------	.0059
39	24	.0056	----------	----------	.0056
40	24	.0057	----------	----------	.0057
41	24	.0061	----------	----------	.0061
42	24	.0054	----------	----------	.0054
43	24	.0046	----------	----------	.0046
44	24	.0041	----------	----------	.0041
45	24	.0041	----------	----------	.0041
46	24	.0048	----------	----------	.0048
47	24	.0044	----------	----------	.0044
48	24	.0049	----------	----------	.0049
49	24	.0066	----------	----------	.0066
50	28	.0042	----------	----------	.0042
51	32	.0067	----------	----------	.0067
52	25	.0092	----------	----------	.0092
53	21	.0045	.0708	----------	.0753
54	22	.0030	.0184	----------	.0214
55	22	.0038	.0234	----------	.0272
56	34	.0081	.0288	(*a*)	*e*.0369
57	8	.0057	.0621	----------	.0678
58	24	.0076	----------	----------	.0076
59	26	.0119	(*c*)	----------	*d*.0119
60	26	.0043	(*c*)	----------	*d*.0043
61	29	.0052	----------	----------	.0052
62	40	.0088	----------	----------	.0088
63	7	.0029	.0444	.0104	.0577
64	24	.0068	----------	----------	.0068
65	24	.0074	----------	----------	.0074
66	13	.0034	.0031	(*a*)	*e*.0065
67	13	.0035	.0033	(*a*)	*e*.0068

a Not reported.
b Not including interest and depreciation.
c The total expenditures for interest were reported and are shown in that portion of the tabulation relating to the establishment as a whole, page 146; but they were not reported in the unit costs.
d Not including interest.
e Not including depreciation.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

O.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE YARD—Continued.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain.]

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
68	13	$0.0054	$0.0048	(a)	b $0.0102
69	13	.0054	.0048	(a)	b .0102
70	38	.0032	.0058	$0.0080	.0170
71	36	.0053	.1000		.1053
72	42	.0032	.0027	.0008	.0037
73	31	.0063	c .0514	c .0568	.1145
74	21	.0043	.0683		.0726
75	7	.0027	.0418	.0098	.0543
76	21	.0017	.0265		.0282
77	21	.0032	.0506		.0538
78	22	.0030	.0184		.0214
79	23	.0040	d .0226		e .0266
80	22	.0040	.0246		.0286
81	34	.0037	.0241	(a)	b .0278
82	21	.0026	.0404		.0430
83	21	.0058	.0910		.0968
84	22	.0030	.0184		.0214
85	34	.0051	.0242	(a)	b .0293
86	23	.0031	d .0175		e .0206
87	13	.0032	.0029	(a)	b .0061
88	13	.0030	.0027	(a)	b .0057
89	13	.0028	.0026	(a)	b .0054
90	7	.0054	.0835	.0197	.1086
91	16	.0067		.0305	.0372
92	42	.0003	.0034	.0010	.0047
93	16	.0085		.0389	.0474
94	37	.0005			.0005
95	37	.0004			.0004
96	14	.0006			.0006
97	14	.0008			.0008
98	14	.0008			.0008
99	1	.0006		(a)	b .0006
100	2	.0005		.0016	.0021
101	14	.0009			.0009
102	8	.0012	.0126		.0138
103	15	.0008		.0025	.0033
104	15	.0009		.0026	.0035
105	14	.0011			.0011
106	14	.0012			.0012
107	16	.0085		.0389	.0474
108	12	.0012			.0012
109	3	.0006			.0006
110	5	.0014	.0045		.0059
111	10	.0012		.0104	.0116
112	42	.0003	.0039	.0012	.0054
113	42	.0002	.0030	.0009	.0041
114	6	.0008	.0139		.0147
115	9	.0022	.0047		.0069
116	46	.0011	.0017	.0027	.0055
117	11	.0032			.0032
118	43	.0019	.0107	.0080	.0206
119	43	.0029	.0192	.0128	.0349
120	17	.0010	.0061		.0071
121	42	.0003	.0036	.0011	.0050
122	42	.0003	.0041	.0013	.0057
123	42	.0004	.0047	.0014	.0065
124	42	.0004	.0052	.0016	.0072
125	42	.0005	.0061	.0019	.0085
126	42	.0001	.0010	.0003	.0014
127	42	.0001	.0008	.0003	.0012
128	42	.0001	.0011	.0003	.0015
129	42	.0002	.0021	.0006	.0029
130	42	.0001	.0010	.0003	.0014
131	42	.0001	.0012	.0004	.0017
132	42	.0001	.0018	.0005	.0024
133	42	.0001	.0016	.0005	.0022

a Not reported.
b Not including depreciation.
c The total expenditures for interest and the amount of depreciation were not reported, and are not shown in that portion of the tabulation relating to the establishment as a whole, page 146; but they were reported in the unit costs as above.
d Rent.
e Including rent.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

O.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE YARD—Continued.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain.]

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
134	42	$0.0004	$0.0046	$0.0014	$0.0064
135	42	.0001	.0007	.0002	.0010
136	42	.0002	.0020	.0006	.0028
137	42	.0002	.0021	.0007	.0030
138	42	.0002	.0022	.0006	.0030
139	21	.0045	.0708	----------	.0753
140	7	.0049	.0757	.0178	.0984
141	24	.0073	----------	----------	.0073
142	24	.0083	----------	----------	.0083
143	21	.0042	.0657	----------	.0699
144	21	.0053	.0834	----------	.0887
145	22	.0067	.0418	----------	.0485
146	21	.0042	.0657	----------	.0699
147	22	.0044	.0271	----------	.0315
148	23	.0044	a.0249	----------	b.0293
149	22	.0051	.0320	----------	.0371
150	22	.0044	.0271	----------	.0315
151	23	.0067	a.0385	----------	b.0452
152	21	.0054	.0860	----------	.0914
153	41	.0400	.0800	.0600	.1800
154	36	.0047	.0430	----------	.0477
155	36	.0053	.0481	----------	.0534
156	36	.0061	.0557	----------	.0618
157	4	.0006	----------	----------	.0006
158	42	.0002	.0027	.0008	.0037
159	42	.0002	.0030	.0010	.0042
160	42	.0002	.0031	.0010	.0043
161	42	.0003	.0037	.0011	.0051
162	42	.0002	.0031	.0010	.0043
163	42	.0003	.0035	.0011	.0049
164	42	.0003	.0036	.0011	.0050
165	42	.0003	.0041	.0012	.0056
166	42	.0003	.0044	.0014	.0061
167	27	.0015	----------	----------	.0015
168	14	.0012	----------	----------	.0012
169	16	.0045	----------	.0208	.0253
170	7	.0046	.0705	.0166	.0917
171	7	.0049	.0757	.0178	.0984
172	7	.0058	.0887	.0209	.1154
173	16	.0045	----------	.0208	.0253
174	31	.0042	c.0439	c.0499	.0980
175	35	.0020	----------	----------	.0020
176	35	.0019	----------	----------	.0019
177	35	.0012	----------	----------	.0012
178	35	.0013	----------	----------	.0013
179	42	.0001	.0012	.0004	.0017
180	42	.0002	.0024	.0007	.0033
181	35	.0014	----------	----------	.0014
182	30	.0031	a.0084	----------	b.0115
183	24	.0034	----------	----------	.0034
184	24	.0051	----------	----------	.0051
185	24	.0048	----------	----------	.0048
186	24	.0045	----------	----------	.0045
187	30	.0032	a.0097	----------	b.0129
188	24	.0043	----------	----------	.0043
189	24	.0041	----------	----------	.0041
190	33	.0120	----------	----------	.0120
191	24	.0052	----------	----------	.0052
192	24	.0045	----------	----------	.0045
193	39	.0030	----------	----------	.0030
194	23	.0089	a.0529	----------	b.0618
195	23	.0095	a.0543	----------	b.0638
196	21	.0064	.1011	----------	.1075
197	24	.0063	----------	----------	.0063
198	24	.0063	----------	----------	.0063
199	24	.0069	----------	----------	.0069
200	24	.0078	----------	----------	.0078

a Rent.
b Including rent.
c The total expenditures for interest and the amount of depreciation were not reported, and are not shown in that portion of the tabulation relating to the establishment as a whole, page 146; but they were reported in the unit costs as above.

TABLE III.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Concluded.

O.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE YARD—Concluded.

[Establishments numbered 1 to 30, and 32 to 41 are in the United States; that numbered 42 is on the continent of Europe; and those numbered 31, and 43 to 46 are in Great Britain.]

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
201	13	$0.0061	$0.0057	(a)	b $0.0118
202	13	.0074	.0069	(a)	b .0143
203	13	.0074	.0069	(a)	b .0143
204	13	.0043	.0039	(a)	b .0082
205	13	.0078	.0072	(a)	b .0150
206	13	.0076	.0070	(a)	b .0146
207	13	.0074	.0069	(a)	b .0143
208	13	.0080	.0073	(a)	b .0153
209	13	.0076	.0070	(a)	b .0146
210	13	.0093	.0086	(a)	b .0179
211	38	.0060	.0100	$0.0145	.0305
212	20	.0041	.0098	.....	.0139
213	46	.0008	.0013	.0021	.0042
214	38	.0080	.0140	.0200	.0420
215	44	.0015	c .0180	.0057	c .0252
216	45	.0007	.0162	.0284	.0453
217	42	.0020	.0261	.0080	.0361

a Not reported.
b Not including depreciation.
c Not including the expenditures for rent, which are inseparably combined with those for other supplies and repairs.

WOOLLEN AND WORSTED YARNS.

WOOLLEN AND WORSTED YARNS.

Facts concerning the cost of production of woollen and worsted yarns are shown for only six establishments, all of which are located in the United States. The titles of the table and sub-tables are as follows:

TABLE IV.—*Cost of Production of Woollen and Worsted Yarns at Various Establishments in the United States.*

A.—Period covered, spinners, spinning, etc.
B.—Wool used and quantity of product.
C.—Cost of material and labor for the period.
D.—General statement of cost for the period.
E.—Additional cost of certain theoretical elements for the period.
F.—Description, cost of labor in one pound, etc.
G.—Elements of cost in one pound.
H.—Per cent. of each element of cost in one pound.
J.—Additional cost of certain theoretical elements in one pound.

The general plan of the sub-tables is the same as in the preceding tabulations, the first five, from A to E, relating to entire establishments, and the last four, from F to J, to products of those establishments. The contents of each sub-table are fully shown by the box heads and accompanying notes.

TABLE **IV.**—COST OF PRODUCTION OF **WOOLLEN AND WORSTED YARNS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES.

A.—PERIOD COVERED, SPINNERS, SPINNING, ETC.

[This and the four sub-tables which follow (A to E) relate to each establishment as a whole. These establishments are numbered serially, those of the same state being grouped together. For explanation of the product number, see the prefatory note to sub-table F, in which and in the sub-tables that follow it becomes the serial number.]

Establishment number.	Product numbers.	Period covered.		Steam or water power.	Spinners, spinning, etc.					
		Terminal dates.	Days of running time.		Frame spinners, clean, oil, and doff?	Mule spinners.		Spindles in operation.		
						Clean, oil, and doff?	Have piecers and back boys?	On frames.	On mules.	Total.
1	3,7	Jan. 1, 1889, to Jan. 1, 1890	298	Steam..	Clean..	.....	.....	7,000	.....	7,000
2	2...	Jan. 1, 1890, to Dec. 31, 1890	305	Both...	Yes...	.....	.....	2,216	.....	2,216
3	1...	Jan. 1, 1890, to Dec. 31, 1890	252	Steam..	.....	Yes..	No....	.....	1,800	1,800
4	4...	Jan. 1, 1890, to Dec. 31, 1890	310	Steam..	Yes...	.....	.....	7,600	.....	7,600
5	5...	Aug. 8, 1889, to Nov. 1, 1890	346	Steam..	No....	.....	.....	3,308	.....	3,308
6	6...	Jan. 1, 1888, to Dec. 31, 1888	308	Both (*a*)	Yes...	.....	.....	10,240	.....	10,240

a The water power is owned by the establishment.

TABLE IV.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED YARNS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

B.—WOOL USED AND QUANTITY OF PRODUCT.

Establishment number.	Wool used.		Pounds of yarn produced.			Per cent. of waste from wool as bought to finished yarn.
	Description.	Pounds.	Warp.	Weft.	Total.	
1	Domestic and foreign	1,291,367	478,461	5,691	484,152	62.51
2	Domestic, one-fourth blood and below	651,320	.....	.....	*a* 312,460	52.03
3	New Mexico, China, etc	453,600	201,600	.....	201,600	55.56
4	Foreign; three-eighths to full blood Ohio, Indiana, and Kentucky.	930,000	450,000	.....	450,000	51.61
5	Domestic	938,648	351,836	1,382	353,218	62.37
6	Pennsylvania, Ohio, California, Territory, foreign.	1,853,385	780,425	.....	780,425	57.89

a Knitting yarn.

TABLE IV.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED YARNS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

C.—COST OF MATERIAL AND LABOR FOR THE PERIOD.

[The figures relating to labor are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners.]

Establishment number.	Material.			Labor.							
	Wool.	Received for waste sold.	Net cost.	Sorting.	Scouring.	Carding, combing, drawing.	Spinning.		Subsequent manipulations.	Miscellaneous (engineers, yard hands, etc.).	Total.
							Frame.	Mule.			
1	$483,899	$97,814	$366,085	$11,473	$1,614	*a* $10,979	*a* $32,978	.....	*b* $8,990	$6,565	$72,599
2	195,396	40,000	155,396	4,627	(*c*)	*c* 5,626	4,601	.....	*c* 10,923	550	26,327
3	117,936	2,177	115,759	(*d*)	*d* 630	1,890	.....	$2,037	.....	1,302	5,859
4	320,850	32,500	288,350	12,220	1,632	12,600	*e* 30,000	.....	(*e*)	9,611	66,063
5	278,898	21,646	257,252	8,174	1,138	11,289	*e* 12,222	.....	(*e*)	5,456	38,270
6	583,885	73,944	509,941	5,775	2,653	24,913	*e* 29,475	.....	(*e*)	10,419	83,235

a The expenditures for drawing are inseparably combined with those for spinning.
b For a part of the yarn only.
c The expenditures for scouring are inseparably combined with those for carding and combing, and the expenditures for drawing with those for subsequent manipulations.
d The expenditures for sorting are inseparably combined with those for scouring.
e The expenditures for subsequent manipulations are inseparably combined with those for spinning.

TABLE IV.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED YARNS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

D.—GENERAL STATEMENT OF COST FOR THE PERIOD.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Establishment number.	Material (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.
				Fuel and lighting.	Oil.	Other.			
1	$366,085	$72,599	$12,000	$5,631	$2,239	$30,200	.....	$921	$489,675
2	155,396	26,327	4,000	1,950	1,200	1,500	$960	308	191,581
3	115,759	5,859	1,500	1,197	342	300	.....	260	125,217
4	288,350	66,063	10,000	5,600	2,676	12,000	.....	1,290	385,379
5	257,252	38,270	3,500	2,934	1,729	3,881	.....	100	307,666
6	509,941	83,235	9,600	8,072	(*a*)	*a* 21,739	.....	3,000	635,587

a The expenditures for oil are inseparably combined with those for other supplies and repairs.

TABLE IV.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED YARNS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

E.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS FOR THE PERIOD.

Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	$1,410	$19,381	$11,144	$31,935
2	450	3,600	2,200	6,250
3	330	1,000	2,000	3,330
4	1,300	.....	.....	1,300
5	863	*a* 2,400	.....	*b* 3,263
6	1,200	.....	.....	1,200

a Rent.
b Including rent, $2,400.

TABLE IV.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED YARNS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

F.—DESCRIPTION, COST OF LABOR IN ONE POUND, ETC.

[The preceding sub-tables (A to E) relate to each establishment as a whole, but this and the following (F to J) relate to individual products of the establishments, those of a like kind being grouped together and numbered serially. The numbers of the establishments to which they refer are shown in the second column. The cost of production is not shown for all numbers of yarn made by each estab-

Product number.	Establishment number.	Description.		Spinning.		
		Kind.	Number.	Frame or mule.		Pounds per spindle per day of 10 hours.
				Which?	Average spindles to each.	
1	3	Woollen warp	3.00	Mule	450	.4444
2	2	Worsted knitting	32.00	Frame	158	(b)
3	1	Worsted warp (d)	36.00	Frame	140	(b)
4	4	Worsted warp (d)	36.00	Frame	144	(b)
5	5	Worsted warp	36.00	Frame	147	(b)
6	6	Worsted warp (d)	36.00	Frame	190	.2600
7	1	Worsted weft	36.00	Frame	140	(b)
8	7	Worsted weft (g)	36.00	(b)	(b)	(b)

a The expenditures for sorting are inseparably combined with those for scouring.
b Not reported.
c The expenditures for scouring are inseparably combined with those for carding and combing, and the expenditures for drawing with those for subsequent manipulations.
d Two-ply.

TABLE IV.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED YARNS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

F.—DESCRIPTION, COST OF LABOR IN ONE POUND, ETC.

lishment, but only for certain selected numbers. For establishment numbered 7, data such as have been given for others in the preceding sub-tables were not obtained. The figures relating to labor are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners.]

Sorting.	Scouring.	Carding, combing, drawing.	Spinning.	Subsequent manipulations.	Miscellaneous (engineers, yard hands, etc.).	Total.	Product number.
(*a*)	*a* $0.00312	$0.00938	$0.01010	.....	$0.00646	$0.02907	1
$0.01481	(*c*)	*c*.01801	.02142	*c* $0.05085	.00256	.10765	2
.02370	.00333	*e*.02041	*e*.06137	.01691	.01220	.13792	3
.02715	.00363	.02520	*f*.06000	(*f*)	.01922	.13520	4
.02314	.00322	.03193	*f*.03460	(*f*)	.01545	.10834	5
.00740	.00340	.03192	*f*.05058	(*f*)	.01335	.10665	6
.02370	.00333	*e*.02041	*e*.05576	.....	.01220	.11540	7
.01940	(*h*)	*h*.02780	.03600	.....	.00640	.08960	8

e The expenditures for drawing are inseparably combined with those for spinning.
f The expenditures for subsequent manipulations are inseparably combined with those for spinning.
g Made in 1889.
h The expenditures for scouring are inseparably combined with those for carding, combing, and drawing.

TABLE IV.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED YARNS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

G.—ELEMENTS OF COST IN ONE POUND.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Product number.	Establishment number.	Material (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.
					Fuel and lighting.	Oil.	Other.			
1	3	$0.57420	$0.02907	$0.00744	$0.00594	$0.00169	$0.00149	.....	$0.00129	$0.62112
2	2	.49733	.10765	.01862	.00908	.00559	.00698	$0.00419	.00143	.65087
3	1	.75614	.13792	.02231	.01047	.00416	.05614	.....	.00171	.98885
4	4	.64078	.13520	.02000	.01120	.00415	.02400	.....	.00258	.83791
5	5	.72831	.10834	.00991	.00831	.00489	.01099	.....	.00028	.87103
6	6	.65341	.10665	.01230	.01034	(a)	a .02786	.....	.00384	.81440
7	1	.75614	.11540	.02231	.01047	.00416	.05614	.....	.00171	.96633
8	7	.53780	.08960	.00859	.00873	(a)	a .02036	.....	.00763	.67271

a The expenditures for oil are inseparably combined with those for other supplies and repairs.

TABLE IV.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED YARNS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

H.—PER CENT. OF EACH ELEMENT OF COST IN ONE POUND.

[This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Material (net).	Labor.	Officials and clerks.	Supplies and repairs.			Water power.	Taxes.	Total.
					Fuel and lighting.	Oil.	Other.			
1	3	92.44	4.68	1.20	.96	.27	.24	.....	.21	100
2	2	76.41	16.54	2.86	1.40	.86	1.07	.64	.22	100
3	1	76.47	13.95	2.25	1.06	.42	5.68	.....	.17	100
4	4	76.47	16.14	2.39	1.34	.49	2.86	.....	.31	100
5	5	83.62	12.44	1.14	.95	.56	1.26	.....	.03	100
6	6	80.23	13.10	1.51	1.27	.....	3.42	.....	.47	100
7	1	78.25	11.94	2.31	1.08	.43	5.81	.....	.18	100
8	7	79.94	13.32	1.28	1.30	.....	3.03	.....	1.13	100

TABLE IV.—COST OF PRODUCTION OF **WOOLLEN AND WORSTED YARNS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Concluded.

J.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE POUND.

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	3	$0.00164	$0.00496	$0.00992	$0.01652
2	2	.00209	.01676	.01024	.02909
3	1	.00262	.03603	.02072	.05937
4	4	.00260	.....	.....	.00260
5	5	.00244	a .00680	.....	b .00924
6	6	.00154	.....	.....	.00154
7	1	.00262	.03603	.02072	.05937
8	7	.00351	.....	.....	.00351

a Rent. b Including rent, $0.00680.

LINEN TEXTILES.

LINEN TEXTILES.

The meagerness of the information secured by the Department relative to linen textiles produced at various establishments in the United Kingdom of Great Britain and Ireland precludes any very exhaustive presentation, and the facts gathered are included in the five sub-tables, as follows:

TABLE V.—*Cost of Production of Linen Textiles at Various Establishments in the United Kingdom of Great Britain and Ireland in 1890.*

A.—Description of goods made, etc.
B.—Cost of labor in one yard.
C.—Elements of cost in one yard.
D.—Per cent. of each element of cost in one yard.
E.—Additional cost of certain theoretical elements in one yard.

In addition to the facts presented in the regular table a few fugitive statements of value have been obtained. One of these relates to linen thread, and was the only report on the cost of producing that article which was secured:

COST OF PRODUCTION OF ONE POUND OF LINEN THREAD.

[The following table shows the cost of production of one pound of best black, 16-ounce, linen thread, number 25, two-ply, made in Ireland during the year 1890, of Irish and foreign flax, costing $0.20277 per pound at the factory.]

Elements of cost.	Cost of one pound.
Labor:	
Preparing	$0.02535
Spinning	.02023
Twisting and skeining	.03041
Other labor	.12166
Total labor	.19770
Material:	
Line	.24333
Officials and clerks	.00101
Fuel and lighting	.02636
Oil	.00203
Supplies and repairs	.04055
Taxes	.00669
Total	.51767
ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN THE ABOVE.	
Insurance	.00243
Interest	.00446
Depreciation of value of plant	.00608
Total	.01297

Another of the fugitive statements referred to relates to tow yarn, the following being the facts:

COST OF PRODUCTION OF ONE BUNDLE OF TOW YARN.

[The following table shows the cost of production of one bundle (60,000 yards) of tow yarn, number 35, made in Ireland during the year 1890, of the waste from hackled Irish flax, said flax costing from $243.33 to $262.79 per ton at the factory. The costs of the various items are nearly all identical with the costs of similar items in linen yarn produced by this establishment, the greatest variation being in the cost of the material from which the yarn is made.]

Elements of cost.	Cost of one bundle.
Labor:	
Preparing	$0.04299
Spinning	.04360
Reeling	.02514
Other labor	.03569
Total labor	.14742
Material:	
Tow	.46637
Officials and clerks	.01926
Oil	.00608
Fuel and lighting	.02636
Supplies and repairs	.04360
Taxes	.00203
Total	.71112
ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN THE ABOVE.	
Insurance	.....
Interest	.05069
Depreciation of value of plant	.03650
Total	.08719

Still another of the irregular reports received relates to linen yarn:

COST OF PRODUCTION OF ONE BUNDLE OF LINEN YARN.

[The following table shows the cost of production of one bundle (60,000 yards) of linen yarn, number 50.70, made in Ireland during the year 1890, of Irish flax costing from $243.33 to $262.79 per ton at the factory. The costs of the various items are nearly all identical with the costs of similar items in tow yarn produced by this establishment, the greatest variation being in the cost of the materials from which the yarn is made.]

Elements of cost.	Cost of one bundle.
Labor:	
Hackling	$0.08732
Preparing	.04299
Spinning	.04359
Reeling	.02514
Other labor	.03569
Total labor	.23473
Material:	
Line	.73656
Officials and clerks	.01915
Oil	.00608
Fuel and lighting	.02636
Supplies and repairs	.04360
Taxes	.00203
Total	1.06851
ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN THE ABOVE.	
Insurance	.....
Interest	.05069
Depreciation of value of plant	.03650
Total	.08719

The fourth statement is an interesting one on the production of one yard of Hessians (jute goods), and is as follows:

COST OF PRODUCTION OF ONE YARD OF HESSIANS.

[The following table shows the cost of production of one yard of Hessians (jute goods), 40 inches wide, weighing one-half pound per yard. Picks per inch, warp, 10; weft, 11. Yarns used, in warp, 8 pounds; in weft, 9 pounds. Made in Great Britain during the year 1890.]

Elements of cost.	Cost of one yard.
Labor:	
Dressing, beaming, and winding	$0.00109
Weaving	.00307
Finishing, packing, and miscellaneous labor (a)	.00087
Total labor	.00503
Materials:	
Warp yarn bought	.01200
Weft yarn bought	.01178
Officials and clerks	.00046
Oil, fuel and lighting, and supplies and repairs (a)	.00096
Taxes, insurance, and interest (a)	.00115
Total	.03138

a The expenditures for the items grouped together are inseparably combined.

The foregoing statements, in connection with those given in the sub-tables which follow, will be found of value to American producers of linen goods, especially as they are engaged in an industry that has not yet reached great proportions in this country.

TABLE V.—COST OF PRODUCTION OF **LINEN TEXTILES** AT VARIOUS ESTABLISHMENTS IN THE UNITED KINGDOM OF GREAT BRITAIN AND IRELAND IN 1890.

A.—DESCRIPTION OF GOODS MADE, ETC.

Marginal number.	Establishment number.	Description.							Picks per loom per minute.
		Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.		
					Warp	Weft.	Warp	Weft.	
1	3	Bird's-eye diaper	19.50	5.00	20	25	40	45	160
2	2	Damask (*a*)	56.00	2.00	28	25	42	44	112
3	2	Damask (*a*)	56.00	1.78	28	25	45	50	112
4	1	Damask	60.00	2.28	(*b*)	(*b*)	40	50	100
5	1	Damask	61.00	2.11	(*b*)	(*b*)	45	54	100
6	1	Damask	62.00	1.95	(*b*)	(*b*)	50	58	100
7	1	Damask	63.00	2.00	(*b*)	(*b*)	60	64	100
8	1	Damask	64.00	2.00	(*b*)	(*b*)	64	68	100
9	1	Damask	64.00	2.06	(*b*)	(*b*)	69	74	100
10	1	Damask	64.00	1.86	(*b*)	(*b*)	78	80	100
11	1	Damask	64.00	1.87	(*b*)	(*b*)	84	88	100
12	3	Damask	71.00	1.43	35	40	66	77	95
13	3	Damask, unbleached	59.00	1.38	22	25	45	45	110
14	2	Dice (*a*)	56.00	1.60	22	20	42	44	112
15	2	Dice (*a*)	56.00	1.45	22	20	46	42	112
16	3	Huck towels, fringed	23.50	3.37	22	20	50	50	150
17	4	Huck towels	24.00	3.64	28	30	50	58	155
18	4	Huck towels	24.00	3.33	20	16	28	35	155
19	4	Sheeting	90.00	1.14	40	40	60	62	90
20	4	Sheeting	90.00	.95	20	20	36	38	90

a Made from Russian flax.
b Not reported.

TABLE V.—COST OF PRODUCTION OF **LINEN TEXTILES** AT VARIOUS ESTABLISHMENTS IN THE UNITED KINGDOM OF GREAT BRITAIN AND IRELAND IN 1890—Continued.

B.—COST OF LABOR IN ONE YARD.

[The figures are for departments and not for individual operations; as, for instance, in spinning they are for the spinning department and not simply for actual spinners.]

Marginal number.	Establishment number.	Preparing.	Spinning.	Winding, dressing, warping.	Weaving.	Bleaching, finishing, packing.	Miscellaneous.	Total.
1	3	.....	.....	$0.00203	$0.00365	$0.00973	$0.00122	$0.01663
2	2	$0.01335	$0.01082	.01115	.01115	.01724	.00101	.06472
3	2	.01386	.01115	.01149	.01149	.01774	.00102	.06675
4	1	.....	.....	.00721	.00901	*a* .04281	(*a*)	.05903
5	1	.....	.....	.00811	.01036	*a* .04281	(*a*)	.06128
6	1	.....	.....	.00901	.01172	*a* .04325	(*a*)	.06398
7	1	.....	.....	.00991	.01442	*a* .04866	(*a*)	.07299
8	1	.....	.....	.01081	.01532	*a* .05407	(*a*)	.08020
9	1	.....	.....	.01171	.01667	*a* .05407	(*a*)	.08245
10	1	.....	.....	.01262	.02028	*a* .06443	(*a*)	.09733
11	1	.....	.....	.01352	.02253	*a* .06534	(*a*)	.10139
12	3	.....	.....	.01825	.03954	.05171	.01216	.12166
13	3	.....	.....	.01217	.02129	*b* .00304	.00608	.04258
14	2	.01166	.01081	.01048	.01048	.01622	.00101	.06066
15	2	.01183	.01124	.01082	.01081	.01639	.00101	.06210
16	3	.....	.....	.00566	.00991	.01274	.00424	.03255
17	4	.....	.....	.00406	.01014	.01622	.00093	.03135
18	4	.....	.....	.00237	.00541	.01622	.00084	02484
19	4	.....	.....	.01622	.03549	.07908	.00380	13459
20	4	.....	.....	.01217	.02180	.07908	.00329	11634

a The expenditures for miscellaneous labor are inseparably combined with those for bleaching, finishing, and packing. The bleaching is done by contract outside the mills, for which $0.04056 is paid for those products with marginal numbers 4, 5, and 6; $0.04551 for that with number 7; $0.05092 for those with numbers 8 and 9; and $0.06183 for those with numbers 10 and 11.

b Represents the expenditures for finishing and packing only, the goods being unbleached.

TABLE V.—COST OF PRODUCTION OF **LINEN TEXTILES** AT VARIOUS ESTABLISHMENTS IN THE UNITED KINGDOM OF GREAT BRITAIN AND IRELAND IN 1890—Continued.

C.—ELEMENTS OF COST IN ONE YARD.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Marginal number.	Establishment number.	Description.						
		Name.	Inches wide.	Yards per pound.	Number of yarn.		Picks per inch.	
					Warp.	Weft.	Warp.	Weft.
1	3	Bird's-eye diaper	19.50	5.00	20	25	40	45
2	2	Damask (*c*)	56.00	2.00	28	25	42	44
3	2	Damask (*c*)	56.00	1.78	28	25	45	50
4	1	Damask	60.00	2.28	(*d*)	(*d*)	40	50
5	1	Damask	61.00	2.11	(*d*)	(*d*)	45	54
6	1	Damask	62.00	1.95	(*d*)	(*d*)	50	58
7	1	Damask	63.00	2.00	(*d*)	(*d*)	60	64
8	1	Damask	64.00	2.00	(*d*)	(*d*)	64	68
9	1	Damask	64.00	2.06	(*d*)	(*d*)	69	74
10	1	Damask	64.00	1.86	(*d*)	(*d*)	78	80
11	1	Damask	64.00	1.87	(*d*)	(*d*)	84	88
12	3	Damask	71.00	1.43	35	40	66	77
13	3	Damask, unbleached	59.00	1.38	22	25	45	45
14	2	Dice (*c*)	56.00	1.60	22	20	42	44
15	2	Dice (*c*)	56.00	1.45	22	20	46	42
16	3	Huck towels, fringed	23.50	3.37	22	20	50	50
17	4	Huck towels	24.00	3.64	28	30	50	58
18	4	Huck towels	24.00	3.33	20	16	28	35
19	4	Sheeting	90.00	1.14	40	40	60	62
20	4	Sheeting	90.00	.95	20	20	36	38

a The expenditures for fuel and lighting, taxes, and insurance are inseparably combined with those for other supplies and repairs.
b Including insurance.
c Made from Russian flax.

TABLE V.—COST OF PRODUCTION OF **LINEN TEXTILES** AT VARIOUS ESTABLISHMENTS IN THE UNITED KINGDOM OF GREAT BRITAIN AND IRELAND IN 1890—Continued.

C.—ELEMENTS OF COST IN ONE YARD.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Materials.				Labor.	Officials and clerks.	Supplies and repairs.		Taxes.	Total.	Marginal number.
Line.	Yarn bought.		Total.			Fuel and lighting.	Other.			
	Warp.	Weft.								
	$0.01825	$0.01582	$0.03407	$0.01663	$0.00081	(a)	a$0.00162	(a)	b$0.05313	1
$0.09226			.09226	.06472	.00304	(a)	a.01656	(a)	b.17658	2
.10240			.10240	.06675	.00338	(a)	a.01740	(a)	b.18993	3
	e.11040	(e)	.11040	.05903	(f)	$0.00270	f.01622	$0.00090	.18925	4
	e.12707	(e)	.12707	.06128	(f)	.00270	f.01893	.00090	.21088	5
	e.14419	(e)	.14419	.06398	(f)	.00361	f.02163	.00090	.23431	6
	e.17123	(e)	.17123	.07299	(f)	.00360	f.02523	.00090	.27395	7
	e.19421	(e)	.19421	.08020	(f)	.00451	f.03019	.00090	.31001	8
	e.20773	(e)	.20773	.08245	(f)	.00541	f.03560	.00090	.33209	9
	e.24603	(e)	.24603	.09733	(f)	.00721	f.04461	.00090	.39608	10
	e.26270	(e)	.26270	.10139	(f)	.00721	f.05317	.00090	.42537	11
	.09733	.08516	.18249	.12166	.00913	(a)	a.02129	(a)	b.33457	12
	.06083	.05171	.11254	.04258	.00456	(a)	a.01065	(a)	b.17033	13
.11152			.11152	.06066	.00169	(a)	a.00660	(a)	b.18047	14
.11558			.11558	.06210	.00169	(a)	a.00685	(a)	b.18622	15
	.03396	.02122	.05518	.03255	.00283	(a)	a.00707	(a)	b.09763	16
	.03954	.04055	.08009	.03135	.00076	(a)	a.00778	(a)	b.11998	17
	.02298	.02129	.04427	.02484	.00051	(a)	a.00507	(a)	b.07469	18
	.20074	.18249	.38323	.13459	.00279	(a)	a.02028	(a)	b.54089	19
	.13180	.12420	.25600	.11634	.00229	(a)	a.01571	(a)	b.39034	20

d Not reported.
e The expenditures for weft are inseparably combined with those for warp.
f The expenditures for officials and clerks are inseparably combined with those for other supplies and repairs.

TABLE V.—COST OF PRODUCTION OF **LINEN TEXTILES** AT VARIOUS ESTABLISHMENTS IN THE UNITED KINGDOM OF GREAT BRITAIN AND IRELAND IN 1890—Continued.

D.—PER CENT. OF EACH ELEMENT OF COST IN ONE YARD.

[This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Marginal number.	Establishment number.	Materials.	Labor.	Officials and clerks.	Supplies and repairs.		Taxes.	Total.
					Fuel and lighting.	Other.		
1	3	64.13	31.30	1.52	.....	3.05	.....	100
2	2	52.25	36.65	1.72	.....	9.38	.....	100
3	2	53.92	35.14	1.78	.....	9.16	.....	100
4	1	58.33	31.19	.....	1.43	8.57	.48	100
5	1	60.26	29.06	.....	1.28	8.97	.43	100
6	1	61.54	27.31	.....	1.54	9.23	.38	100
7	1	62.50	26.64	.....	1.32	9.21	.33	100
8	1	62.65	25.87	.....	1.45	9.74	.29	100
9	1	62.55	24.83	.....	1.63	10.72	.27	100
10	1	62.12	24.57	.....	1.82	11.26	.23	100
11	1	61.76	23.84	.....	1.69	12.50	.21	100
12	3	54.55	36.36	2.73	.....	6.36	.....	100
13	3	66.07	25.00	2.68	.....	6.25	.....	100
14	2	61.79	33.61	.94	.....	3.66	.....	100
15	2	62.06	33.35	.91	.....	3.68	.....	100
16	3	56.52	33.34	2.90	.....	7.24	.....	100
17	4	66.75	26.13	.63	.....	6.49	.....	100
18	4	59.27	33.26	.68	.....	6.79	.....	100
19	4	70.85	24.88	.52	.....	3.75	.....	100
20	4	65.58	29.81	.59	.....	4.02	.....	100

TABLE V.—COST OF PRODUCTION OF **LINEN TEXTILES** AT VARIOUS ESTABLISHMENTS IN THE UNITED KINGDOM OF GREAT BRITAIN AND IRELAND IN 1890—Concluded.

E.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE YARD.

Marginal number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	3	(a)	$0.00040	$0.00081	b $0.00121
2	2	(a)	.00118	.00118	b .00236
3	2	(a)	.00135	.00135	b .00270
4	1	(c)	(c)	(c)	(c)
5	1	(c)	(c)	(c)	(c)
6	1	(c)	(c)	(c)	(c)
7	1	(c)	(c)	(c)	(c)
8	1	(c)	(c)	(c)	(c)
9	1	(c)	(c)	(c)	(c)
10	1	(c)	(c)	(c)	(c)
11	1	(c)	(c)	(c)	(c)
12	3	(a)	.00608	.01217	b .01825
13	3	(a)	.00304	.00608	b .00912
14	2	(a)	.00101	.00101	b .00202
15	2	(a)	.00101	.00101	b .00202
16	3	(a)	.00191	.00375	b .00566
17	4	(a)	.00135	.00135	b .00270
18	4	(a)	.00101	.00101	b .00202
19	4	(a)	.00304	.00304	b .00608
20	4	(a)	.00253	.00253	b .00506

a The expenditures for insurance are inseparably combined with those for other supplies and repairs.
b Not including insurance.
c Not reported.

SILK TEXTILES.

SILK TEXTILES.

The tabulation relating to silk textiles covers two establishments, Nos. 1 and 2, in the United States, and two establishments, Nos. 3 and 4, on the continent of Europe. The details are given in six sub-tables:

TABLE VI.—*Cost of Production of Silk Textiles at Various Establishments in Various States.*

A.—Description of goods made.
B.—Kind of silk used, weaving, etc.
C.—Cost of labor in one yard.
D.—Elements of cost in one yard.
E.—Per cent. of each element of cost in one yard.
F.—Additional cost of certain theoretical elements in one yard.

In addition to the establishments covered by the sub-tables following, a single brief statement has been furnished the Department covering the main items in the cost of producing one ounce (troy) of sewing silk or machine twist. But one report in this department of silk production was secured, and it is herewith given:

COST OF PRODUCTION OF ONE OUNCE OF SEWING SILK.

[The following table shows the cost of production of one ounce (troy) of sewing silk or machine twist, letter 000, 1,720 yards in the ounce, made in the northern district of the United States during the year 1889, of Japan raw silk costing $4.50 per pound at the factory.]

Elements of cost.	Cost of one ounce.
Raw silk	$0.37500
Labor	.09375
Officials and clerks	.00305
Fuel and lighting	.00055
Supplies and repairs	.01055
Taxes	.....
Total	.48290
ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN THE ABOVE.	
Insurance	.00103
Interest	.00103
Depreciation of value of plant	.....
Total	.00206

TABLE VI.—COST OF PRODUCTION OF SILK TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES.

A.—DESCRIPTION OF GOODS MADE.

[Establishments numbered 1 and 2 are in the United States, and those numbered 3 and 4 are on the continent of Europe.]

Marginal number.	Establishment number.	Name.	Inches wide.	Yards per pound.	Organzine.		Tram.		Threads and picks per inch.		Weight in one yard (pound).		
					Ply.	Number.	Ply.	Number.	Threads organzine.	Picks tram.	Organzine.	Tram.	Size.
1	4	Cashmere	24.00	6.28	1	22.00	5	26.00	440	53	.06049	.03992	.05888
2	4	Corded silk	20.25	9.36	1	18.00	1	40.00	275	110	.02621	.02319	.05746
3	4	Corded silk	21.88	8.06	3	23.00	1	26.00	358	110	.04839	.04436	.03125
4	3	Dress goods	22.50	6.61	1	20.00	3	30.00	514	73	*a*. 15122	(*a*)	(*a*)
5	1	Ottoman (*b*)	20.00	10.67	2	(*c*)	2	(*c*)	360	100	.04063	.05312	------
6	3	Rep	24.00	12.40	1	20.00	*d* 2	*d* 120.00	248	*d* 37	*a*. 08065	(*a*)	(*a*)
7	3	Serge	54.00	2.48	1	17.00	*d* 1	*d* 24.00	349	*d* 101	*a*. 40326	(*a*)	(*a*)
8	4	Surah	21.00	21.56	1	23.00	*e* 1	36.00	147	117	.01855	.02157	.00625
9	2	Surah	24.00	10.67	2	(*c*)	*e* 6	(*c*)	208	88	.03906	.05494	------
10	3	Taffeta	25.00	13.23	1	18.00	1	30.00	172	106	*a*. 07561	(*a*)	(*a*)
11	4	Taffeta	42.75	7.00	1	21.00	1	36.00	179	99	.04234	.03831	.06250
12	3	Twill	44.00	4.51	1	12.00	*d* 1	*d* 40.00	101	*d* 119	*a*. 22179	(*a*)	(*a*)
13	3	Velvet	23.00	2.17	2	(*c*)	2	(*c*)	(*f*)	(*g*)	*h*. 45981	(*h*)	(*h*)

a The weight of tram and size is inseparably combined with that of organzine.
b Also known as *faille française*.
c Not reported.
d Cotton weft.
e Two ends three-ply.
f Silk, 44; cotton, 88.
g Silk, 85; cotton, 18.
h The weight of tram and size is inseparably combined with that of organzine; equal weights of silk and cotton were used.

TABLE VI.—COST OF PRODUCTION OF SILK TEXTILES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

B.—KIND OF SILK USED, WEAVING, ETC.

Marginal number.	Establishment number.	Locality.	Year of production.	Silk used for—		Weaving.	
				Organzine.	Tram.	Kind of loom.	Picks per minute.
1	4	Continent of Europe	1890	Italian	Italian	Hand	50
2	4	do	1890	Italian	China	Power	90
3	4	do	1890	Italian	Italian	Hand	60
4	3	do	1890	Italian	Italian	Hand	(*a*)
5	1	United States	1889	Italian	(*a*)	Power	135
6	3	Continent of Europe	1890	Italian	(*b*)	Power	120–130
7	3	do	1890	Italian	(*b*)	Power	120
8	4	do	1890	Italian	Italian	Power	120
9	2	United States	1889	Japan	Japan	Power	120
10	3	Continent of Europe	1890	Italian	Italian	Power	120–130
11	4	do	1890	Italian	Italian	Power	80
12	3	do	1890	Italian	(*b*)	Power	(*c*)
13	3	do	1890	Italian	Italian	Hand	(*a*)

a Not reported.
b Cotton weft.
c Vary according to strength of silk warp

TABLE VI.—COST OF PRODUCTION OF **SILK TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

C.—COST OF LABOR IN ONE YARD.

[Establishments numbered 1 and 2 are in the United States, and those numbered 3 and 4 are on the continent of Europe.]

Marginal number.	Establishment number.	Dyeing.	Throwing (hard silk).	Winding (soft silk).	Warping, beaming.	Quilling.	Weaving.	Finishing, packing.	All other.	Total.
1	4	*a* $0.01422	.....	$0.00935	$0.00971	(*b*)	*b* $0.08118	$0.00353	*b* $0.00353	$0.12152
2	4	*a* .00897	.....	.00582	.00565	(*b*)	*b* .03177	.00882	*b* .00331	.06434
3	4	*a* .01189	.....	.01077	.00724	(*b*)	*b* .08471	.00882	*b* .00340	.12683
4	3	.01492	.....	.01756	.00878	(*b*)	*b* .10973	.....	*b* .01317	.16416
5	1	.01500	$0.03250	*c* .06750	.03200	$0.00150	.10150	*d* .00500	(*d*)	*e* .25500
6	3	.00395	.....	.00746	.00307	(*b*)	*b* .02194	.01317	*b* .00165	.05124
7	3	.04536	.....	.00658	.01756	(*b*)	*b* .04389	.02195	*b* .01097	.14631
8	4	*a* .00424	.....	.00388	.00353	(*b*)	*b* .02118	.....	*b* .00289	.03572
9	2	.....	.04500	.01500	.02750	.01000	*e* .05000	(*e*)	*e* .02500	.17250
10	3	.00834	.....	.01097	.00263	(*f*)	*f* .02853	(*f*)	*f* .00988	.06035
11	4	*a* .01377	.....	.00847	.00706	(*b*)	*b* .03530	.....	*b* .00485	.06945
12	3	*g* .01756	.....	.00198	.00241	(*b*)	*b* .02853	(*g*)	*b* .00823	.05871
13	3	.01756	.....	.02853	.01646	(*b*)	*b* .26335	.04389	*b* .01097	.38076

a The dyeing was done by another establishment.

b The expenditures for quilling and for weaving, except pay of weavers, are inseparably combined with those for all other labor.

c Including $0.04250 for spinning the silk used in the tram.

d The expenditures for all other labor are inseparably combined with those for finishing and packing.

e The expenditures for weaving, except pay of weavers, and for finishing and packing, are inseparably combined with those for all other labor.

f The expenses for quilling, weaving, except pay of weavers, and packing are inseparably combined with those for all other labor.

g The expenditures for finishing and packing are inseparably combined with those for dyeing.

TABLE VI.—COST OF PRODUCTION OF **SILK TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

D.—ELEMENTS OF COST IN ONE YARD.

[Establishments numbered 1 and 2 are in the United States, and those numbered 3 and 4 are on the continent of Europe. Insurance, interest, depreciation of value of plant, and charges for freight of

Marginal number.	Establishment number.	Name.	Inches wide.	Yards per pound.	Organzine.		Tram.		Threads and picks per inch.		Weight in one yard (pound).		
					Ply.	Number.	Ply.	Number.	Threads organzine.	Picks tram.	Organzine.	Tram.	Size.
1	4	Cashmere	24.00	6.28	1	22.00	5	26.00	440	53	.06049	.03992	.05888
2	4	Corded silk	20.25	9.36	1	18.00	1	40.00	275	110	.02621	.02319	.05746
3	4	Corded silk	21.88	8.06	3	23.00	1	26.00	358	110	.04839	.04436	.03125
4	3	Dress goods	22.50	6.61	1	20.00	3	30.00	514	73	*c*.15122	(*c*)	(*c*)
5	1	Ottoman (*g*)	20.00	10.67	2	(*h*)	2	(*h*)	360	100	.04063	.05312	------
6	3	Rep	24.00	12.40	1	20.00	*k* 2	*k* 120.00	248	*k* 37	*c*.08065	(*c*)	(*c*)
7	3	Serge	54.00	2.48	1	17.00	*k* 1	*k* 24.00	349	*k* 101	*c*.40326	(*c*)	(*c*)
8	4	Surah	21.00	21.56	1	23.00	1	36.00	147	117	.01855	.02157	.00625
9	2	Surah	24.00	10.67	2	(*h*)	*n* 6	(*h*)	208	88	.03906	.05494	------
10	3	Taffeta	25.00	13.23	1	18.00	1	30.00	172	106	*c*.07561	(*c*)	(*c*)
11	4	Taffeta	42.75	7.00	1	21.00	1	36.00	179	99	.04234	.03831	.06250
12	3	Twill	44.00	4.51	1	12.00	*k* 1	*k* 40.00	101	*k* 119	*c*.22179	(*c*)	(*c*)
13	3	Velvet	23.00	2.17	2	(*h*)	2	(*h*)	(*s*)	(*t*)	*u*.45981	(*u*)	(*u*)

a The dyeing was done by another establishment; the amount reported includes all the expenditures for dyeing other than labor.
b The expenditures for fuel and lighting are inseparably combined with those for other supplies and repairs.
c The weight of tram and size is inseparably combined with that of organzine.
d Represents all the expenditures for sizing and dyeing other than labor.
e The expenditures for fuel and lighting, taxes, and insurance are inseparably combined with those for other supplies and repairs; this amount does not include the like expenditures incurred in dyeing, which are inseparably combined with those for size and dye materials.
f Including insurance.
g Also known as *faille française*.
h Not reported.
i Represents the expenditures for dried cocoons, from which the spun silk used in the tram is made.
j Represents the expenditures for dyeing materials only, no sizing having been used.
k Cotton weft.

TABLE VI.—COST OF PRODUCTION OF **SILK TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

D.—ELEMENTS OF COST IN ONE YARD.

product to place of free delivery are not included.]

Materials.				Labor.	Officials and clerks.	Supplies and repairs.		Taxes.	Total.	Marginal number.
Raw silk.	Organzine and tram (bought).	Size and dye.	Total.			Fuel and lighting.	Other.			
.....	$0.50280	*a* $0.05690	$0.55970	$0.12152	$0.00212	(*b*)	*b* $0.00247	$0.00035	$0.68616	1
.....	.23048	*a*. 03586	.26634	.06434	.00199	(*b*)	*b*. 00232	.00033	.33532	2
.....	.46308	*a*. 04758	.51066	.12683	.00204	(*b*)	*b*. 00238	.00034	.64225	3
.....	.52231	*d*. 05969	.58200	.16416	.00790	(*e*)	*e*. 03160	(*e*)	*f*. 78566	4
$0.26090	*i*. 12000	*j*. 01870	.39870	.25500	.01000	$0.01011	.00130	.00150	.67661	5
.....	*l*. 15889	*d*. 01580	.17469	.05124	.00099	(*e*)	*e*. 01931	(*e*)	*f*. 24623	6
.....	*m*. 57059	*d*. 09071	.66130	.14631	.00658	(*e*)	*e*. 02634	(*e*)	*f*. 84053	7
.....	.19986	*a*. 01694	.21680	.03572	.00173	(*b*)	*b*. 00202	.00029	.25656	8
.38750	.....	.....	.38750	.17250	(*o*)	(*o*)	*o*. 06000	(*o*)	*p*. 62000	9
.....	.22824	*d*. 03336	.26160	.06035	.00592	(*e*)	*e*. 02740	(*e*)	*f*. 35527	10
.....	.40273	*a*. 05506	.45779	.06945	.00291	(*b*)	*b*. 00340	.00049	.53404	11
.....	*q*. 13935	*d*. 03511	.17446	.05871	.00329	(*e*)	*e*. 02140	(*e*)	*r*. 25786	12
v. 08274	.57937	*d*. 07023	.73234	.38076	.00658	(*e*)	*e*. 02633	(*e*)	*f* 1. 14601	13

l Including $0.02941 for cotton weft.
m Including $0.08778 for cotton weft.
n Two ends three-ply.
o The expenditures for officials and clerks, fuel and lighting, taxes, and insurance are inseparably combined with those for other supplies and repairs.
p Including insurance; in addition, $0.04500 was paid another establishment for dyeing.
q Including $0.05267 for cotton weft.
r Including insurance; from this amount should be deducted $0.00154, which represents the value of the gain in length during the process of dyeing.
s Silk, 44; cotton, 88.
t Silk, 85; cotton, 18.
u The weight of tram and size is inseparably combined with that of organzine; equal weights of silk and cotton were used.
v Represents the expenditures for cotton.

TABLE VI.—COST OF PRODUCTION OF **SILK TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

E.—PER CENT. OF EACH ELEMENT OF COST IN ONE YARD.

[Establishments numbered 1 and 2 are in the United States, and those numbered 3 and 4 are on the continent of Europe. This sub-table is based on the preceding one, and to avoid duplicating the footnotes which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Marginal number.	Establishment number.	Materials.	Labor.	Officials and clerks.	Supplies and repairs.		Taxes.	Total.
					Fuel and lighting.	Other.		
1	4	81.57	17.71	.31	.....	.36	.05	100
2	4	79.43	19.19	.59	.....	.69	.10	100
3	4	79.51	19.75	.32	.....	.37	.05	100
4	3	74.08	20.89	1.01	.....	4.02	.....	100
5	1	58.93	37.69	1.48	1.49	.19	.22	100
6	3	70.95	20.81	.40	.....	7.84	.....	100
7	3	78.68	17.41	.78	.....	3.13	.....	100
8	4	84.50	13.92	.68	.....	.79	.11	100
9	2	62.50	27.82	.....	.....	9.68	.....	100
10	3	73.63	16.99	1.67	.....	7.71	.....	100
11	4	85.72	13.00	.55	.....	.64	.09	100
12	3	67.66	22.77	1.27	.....	8.30	.....	100
13	3	63.90	33.23	.57	.....	2.30	.....	100

TABLE VI.—COST OF PRODUCTION OF **SILK TEXTILES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Concluded.

F.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE YARD.

[Establishments numbered 1 and 2 are in the United States, and those numbered 3 and 4 are on the continent of Europe.]

Marginal number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	4	$0.00071	$0.00141	$0.00353	$0.00565
2	4	.00066	.00132	.00331	.00529
3	4	.00068	.00136	.00340	.00544
4	3	(a)	.....	.....	.....
5	1	.00025	.....	.....	.00025
6	3	(a)	.....	.....	.....
7	3	(a)	.....	.....	.....
8	4	.00058	.00116	.00289	.00463
9	2	(b)	.....	.....	.....
10	3	(a)	.....	.....	.....
11	4	.00097	.00194	.00185	.00776
12	3	(a)	.....	.....	.....
13	3	(a)	.....	.....	.....

a The expenditures for insurance are inseparably combined with those for other supplies and repairs, except the portion incurred in dyeing, which is inseparably combined with those for size and dye materials.

b The expenditures for insurance are inseparably combined with those for other supplies and repairs.

WINDOW GLASS.

WINDOW GLASS.

The table pertaining to the cost of production of window glass is compiled from information received from thirty-seven establishments in the United States. This table includes forty-eight sub-tables, the titles of which are as follows, viz:

TABLE VII.—*Cost of Production of Window Glass at Various Establishments in the United States.*

A.—Period covered and quantity of product.
B.—The appliances of production.
C.—Quantity of single strength glass produced.
D.—Quantity of double strength glass produced.
E.—Quantity of materials (tons of 2,000 pounds) charged into the furnace.
F.—Cost of materials charged into the furnace.
G.—General statement of cost for the period.
H.—Additional cost of certain theoretical elements for the period.
J.—Cost of materials in one box of single strength.
K.—Certain miscellaneous costs in one box of single strength.
L.—Additional cost of certain theoretical elements in one box of single strength.
M.—Cost of materials in one box of double strength.
N.—Certain miscellaneous costs in one box of double strength.
O.—Additional cost of certain theoretical elements in one box of double strength.
P.—Elements of cost in one box of 8 by 10, single strength.
Q.—Summary of cost of one box of 8 by 10, single strength.
R.—Elements of cost in one box of 10 by 15, single strength.
S.—Summary of cost of one box of 10 by 15, single strength.
T.—Elements of cost in one box of 12 by 18, single strength.
U.—Summary of cost of one box of 12 by 18, single strength.
V.—Elements of cost in one box of 16 by 24, single strength.
W.—Summary of cost of one box of 16 by 24, single strength.
X.—Elements of cost in one box of 24 by 30, single strength.
Y.—Summary of cost of one box of 24 by 30, single strength.
Z.—Elements of cost in one box of 24 by 36, single strength.
AA.—Summary of cost of one box of 24 by 36, single strength.
BB.—Elements of cost in one box of 26 by 40, single strength.
CC.—Summary of cost of one box of 26 by 40, single strength.
DD.—Elements of cost in one box of 28 by 44, single strength.
EE.—Summary of cost of one box of 28 by 44, single strength.
FF.—Elements of cost in one box of 32 by 49, single strength.
GG.—Summary of cost of one box of 32 by 49, single strength.
HH.—Elements of cost in one box of 12 by 18, double strength.
JJ.—Summary of cost of one box of 12 by 18, double strength.
KK.—Elements of cost in one box of 16 by 24, double strength.

LL.—Summary of cost of one box of 16 by 24, double strength.
MM.—Elements of cost in one box of 24 by 36, double strength.
NN.—Summary of cost of one box of 24 by 36, double strength.
OO.—Elements of cost in one box of 30 by 41, double strength.
PP.—Summary of cost of one box of 30 by 41, double strength.
QQ.—Elements of cost in one box of 36 by 51, double strength.
RR.—Summary of cost of one box of 36 by 51, double strength.
SS.—Elements of cost in one box of 39 by 60, double strength.
TT.—Summary of cost of one box of 39 by 60, double strength.
UU.—Elements of cost in one box of 40 by 65, double strength.
VV.—Summary of cost of one box of 40 by 65, double strength.
WW.—Elements of cost in one box of 40 by 70, double strength.
XX.—Summary of cost of one box of 40 by 70, double strength.

Sub-table A shows the period of time by terminal dates and the actual days of running time covered by each establishment, the number of blowings made and the number of hours to each, and the number of pounds of finished glass produced during the period.

Sub-table B gives the number of melting furnaces, blowing furnaces, flattening ovens, pot arches, and sand ovens in operation, together with the number of pots in the melting furnaces. The kinds of fuel used for heating the several furnaces are also stated.

In sub-tables C and D the number of boxes of 50 square feet of glass produced are shown in brackets, ranging from those containing sizes 6 by 8 to 8 by 10 inches to those containing sizes larger than 32 by 49 inches, single strength, and those containing sizes 6 by 8 to 12 by 18 inches to those containing sizes larger than 40 by 70 inches, double strength.

Sub-table E shows the quantity of sand, soda ash, salt cake, burnt lime or raw limestone, glass, arsenic, and other materials used. The glass shown in this and subsequent tables as a material is that bought from outside sources, and not that which accumulates in the establishment. No account is taken of the latter, as it is held to be a permanent quantity, constantly being re-melted.

Sub-tables F and G give in detail the total expenditures for materials, labor, and all other items, except those for freight of product to place of free delivery, and the theoretical elements given in sub-table H, in which are shown additional expenditures for insurance and interest, and the amount of depreciation of the value of the plant.

Sub-tables J to O may be considered as a group, as they present the various expenditures in one box of 50 square feet of glass, regardless of size. In the sub-tables that follow this group the cost is continued through the individual features pertaining to the different sizes of glass produced.

Sub-tables J and K give the cost of the materials; all labor except blowing, flattening, gathering, cutting, and packing; officials and clerks, supplies and repairs, fuel, and taxes, in one box of single strength. The cost of insurance, interest, and depreciation of the value of the plant in one box of single strength is stated in sub-table L.

Sub-tables M, N, and O are similar to sub-tables J, K, and L, except that they give the corresponding costs in one box of double strength glass.

Sub-table P gives all the elements of cost in one box of 50 square feet of 8 by 10, single strength, viz: Materials, miscellaneous costs (shown in detail in sub-table K), packing-box, and the following classification of labor: Blowing, flattening, gathering, cutting, and packing. The labor costs specified, except packing labor, are dependent upon the size into which the glass is cut. The other costs are independent of size.

Sub-table Q is based upon the immediately preceding one, and shows the per cent. which each element of cost is of the total cost. The weight per box of 50 square feet of 8 by 10, single strength, is also given.

The sub-tables which follow (R to XX) are identical in construction with sub-tables P and Q, showing the same facts for all the other sizes, single strength and double strength being considered separately.

Effort was made to secure on the continent of Europe information of a similar character to that presented in this tabulation, in order that the facts relating to the cost of production of window glass at European factories might be presented in direct comparison with those of the United States. So different, however, is the system of keeping accounts in the foreign glass establishments from that pursued in the United States, that it was found impossible to obtain with any degree of accuracy the cost of production of the different sizes of window glass. The following statement, therefore, is that of the cost of an average size of single strength window glass at one establishment on the continent of Europe:

COST OF PRODUCTION OF WINDOW GLASS ON THE CONTINENT OF EUROPE.

Period covered by return	May, 1890
Days of running time	22
Quantity of finished glass produced (pounds)	142,025
The appliances of production:	
Melting furnace	1
Pots in furnace	6
Flattening oven	1
Pot arches	2
Sand oven	1
Kind of fuel used in furnace and flattening oven	Coal
Number of boxes of 50 square feet each made during period	2,840½
Weight per 50 square feet (pounds)	50

QUANTITY AND COST OF MATERIALS CHARGED INTO THE FURNACE.

Materials.	Tons of 2,000 pounds.	Cost.
Sand	606.37	$50
Soda ash	22.05	230
Other (*a*)	(*b*)	40
Total	*c*628.42	320

a Salt cake, lime, arsenic, etc., are inseparably combined.
b Not reported.
c Not including salt cake, lime, arsenic, etc.

GENERAL STATEMENT OF COST FOR THE PERIOD.

Elements of cost.	Cost.
Blowing, flattening, gathering, cutting, and packing	$841
All other labor	313
Total labor	1,154
Materials	320
Officials and clerks	60
Supplies and repairs	246
Fuel	973
Taxes	6
Total	2,759

ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS FOR THE PERIOD.

Elements of cost.	Cost.
Insurance	$3.00
Interest	.....
Depreciation of value of plant	.....
Total	3.00

COST OF MATERIALS IN ONE BOX OF GLASS.

Materials.	Cost.
Sand	$0.0176
Soda ash	.0810
Other	*a* .0141
Total	.1127

a The expenditures for salt cake, lime, arsenic, etc., are inseparably combined.

CERTAIN MISCELLANEOUS COSTS IN ONE BOX OF GLASS.

Elements of cost.	Cost.
All labor, except blowing, flattening, gathering, cutting, and packing	$0.1102
Officials and clerks	.0211
Supplies and repairs	.0866
Fuel	.3425
Taxes	.0021
Total	.5625

ELEMENTS OF COST IN ONE BOX OF GLASS.

Elements of cost.	Cost.
Blowing labor	$0.1477
Flattening labor	.0438
Gathering labor	.0691
Cutting labor } Packing labor }	.0353
Total labor	.2959
Materials	.1127
Miscellaneous costs	.5625
Packing-box	*a*. 0891
Total	1.0602

a Represents the expenditures for materials only in packing-box; the labor in making box is inseparably combined with ordinary labor.

SUMMARY OF COST OF ONE BOX OF GLASS.

Elements of cost.	Cost.	Per cent.
Materials	$0.1127	10.63
Labor	a. 4061	38.30
All other items	a. 5414	51.07
Total	1.0602	100.00

a The expenditures for labor in making packing-box are inseparably combined with those for labor.

ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE BOX OF GLASS.

Elements of cost.	Cost.
Insurance	$0.0011
Interest	.....
Depreciation of value of plant	.....
Total	.0011

In the collection of data pertaining to the cost of production of polished plate glass full information was received from but one establishment, and to prevent identification it has been deemed proper to omit a general statement showing the appliances of production, quantities and costs of materials, and other elements for the period, and to present only the elements of cost per square foot of polished plate glass, together with the per cent. which each element is of the total cost. The high cost shown in the following tables may be in part accounted for in the fact that a large amount of cullet produced at this factory was transferred to other works operated by the same establishment.

COST OF PRODUCTION OF POLISHED PLATE GLASS IN THE UNITED STATES.

COST OF MATERIALS IN ONE SQUARE FOOT OF POLISHED PLATE GLASS.

Materials.	Cost.
Sand	$0.0079
Soda ash	.0277
Salt cake	.0117
Lime	.0042
Total	.0515

CERTAIN ELEMENTS OF COST IN ONE SQUARE FOOT OF POLISHED PLATE GLASS.

Elements of cost.	Cost.
Materials	$0.0515
Labor	.1980
Officials and clerks	.0174
Supplies and repairs	.1239
Fuel	.0403
Taxes	.0023
Felt	.0084
Rouge	.0090
Grinding sand	.0070
Plaster	.0244
Emery	.0043
Total	.4865

SUMMARY OF COST OF ONE SQUARE FOOT OF POLISHED PLATE GLASS.

Elements of cost.	Cost.	Per cent.
Materials	$0.0515	10.59
Labor	.1980	40.70
All other items	.2370	48.71
Total	.4865	100.00

ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE SQUARE FOOT OF POLISHED PLATE GLASS.

Elements of cost.	Cost.
Insurance	$0.0021
Interest	*a* .0094
Depreciation of value of plant	
Total	.0115

a Rent.

TABLE VII.—COST OF PRODUCTION OF WINDOW GLASS AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES.

A.—PERIOD COVERED AND QUANTITY OF PRODUCT.

[The names of the states are omitted to prevent the identification of individual establishments.]

Establishment number.	Period covered.		Blowings.		Pounds of finished glass produced.
	Terminal dates.	Days of running time.	Number.	Hours to each.	
1	July 1, 1889, to June 30, 1890	210	170	8	4,063,880
2	July 1, 1889, to June 30, 1890	203	173	8	2,656,860
3	September 27, 1889, to September 26, 1890	234	195	8	4,351,560
4	September 21, 1889, to June 14, 1890 (*a*)	225	225	(*b*)	3,349,500
5	October 1, 1888, to June 28, 1889 (*a*)	204	170	8	4,218,586
6	September 2, 1889, to August 1, 1890	240	170	8	1,317,800
7	October 21, 1889, to June 28, 1890 (*a*)	191	176	8	1,490,955
8	October 22, 1889, to June 30, 1890 (*a*)	216	179	8	2,725,000
9	September 1, 1889, to August 31, 1890	204	170	8	1,391,254
10	June 30, 1889, to June 30, 1890	268	185	8	1,350,082
11	June 30, 1889, to June 30, 1890	222	184	8½	3,180,150
12	September 1, 1889, to July 1, 1890 (*a*)	246	205	8	1,613,480
13	July 1, 1889, to July 1, 1890	192	160	9	1,365,500
14	November 1, 1889, to June 30, 1890 (*a*)	204	170	8	1,600,250
15	July 1, 1889, to July 1, 1890	252	191	8½	2,735,130
16	July 1, 1889, to June 30, 1890	228	190	8	2,863,905
17	November 1, 1889, to June 1, 1890 (*a*)	*c* 210	150	9	1,165,170
18	July 1, 1889, to June 30, 1890	*c* 238	170	9	3,036,870
19	October 19, 1889, to June 30, 1890 (*a*)	*c* 255	165	9	2,494,080
20	July 1, 1889, to June 30, 1890	*c* 226	159	9	1,478,760
21	November 17, 1889, to June 1, 1890 (*a*)	*c* 199	140	10	1,334,920
22	October 12, 1889, to June 14, 1890 (*a*)	*c* 246	172	9	4,085,160
23	September 1, 1889, to August 31, 1890	*c* 242	171	10	3,308,615
24	August 16, 1889, to August 15, 1890	228	190	8	3,049,870
25	July 1, 1889, to June 30, 1890	216	206	(*b*)	1,427,985
26	July 1, 1889, to June 30, 1890	230	206	(*b*)	1,737,720
27	September 23, 1889, to June 15, 1890 (*a*)	225	189	8	3,189,130
28	October 15, 1889, to June 15, 1890 (*a*)	206	173	8	1,750,254
29	July 1, 1889, to June 30, 1890	180	150	8	1,256,610
30	October 1, 1889, to September 30, 1890	231	190	8	2,265,403
31	July 1, 1889, to June 30, 1890	195	162	8	1,828,070
32	June 30, 1889, to June 30, 1890	216	(*d*)	7	1,751,059
33	October 22, 1889, to June 15, 1890 (*a*)	204	170	9	1,664,028
34	June 30, 1889, to June 30, 1890	222	222	7	1,930,999
35	June 30, 1889, to June 30, 1890	218	218	8	2,155,828
36	October 26, 1889, to June 14, 1890 (*a*)	197	196	7	3,202,040
37	July 1, 1889, to June 30, 1890	223	184	8	5,073,734

a Terminal dates of blowing period only.
b Eight hours for two days per week and six hours for four days.
c Including Sundays.
d Not reported.

TABLE VII.—COST OF PRODUCTION OF WINDOW GLASS AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

B.—THE APPLIANCES OF PRODUCTION.

Establishment number.	Melting furnaces.		Blowing furnaces.	Flattening ovens.	Pot arches.	Sand ovens.	Kinds of fuel used in—		
	Number.	Total pots.					Melting furnaces.	Blowing furnaces.	Flattening ovens.
1	3	26	5	3	5	(a)	Gas	Gas	Gas.
2	2	16	4	2	4	1	Gas	(b)	Gas.
3	3	26	4	2	6	2	Natural gas	Natural gas	Natural gas.
4	2	16	2	2	2	1	Natural gas	Natural gas	Natural gas.
5	2	24	2	2	2	1	Bituminous coal	Bituminous coal	Gas.
6	1	8	2	1	1	.....	Natural gas	Natural gas	Natural gas.
7	2	8	.....	1	1	1	Bituminous coal and wood.	.....	Bituminous coal and wood.
8	2	16	.....	1	2	2	Bituminou coals	.....	Bituminous coal and wood.
9	1	8	1	1	1	1	Coal	Coal and wood	Coal and wood.
10	1	8	.....	1	2	.....	Coal and coke (c)	.....	Bituminous coal and wood.
11	3	20	3	2	3	1	Bituminous coal	Coal and wood	Gas.
12	1	8	.....	1	1	.....	Bituminous coal and coke (d).	.....	Bituminous coal, coke, and wood.
13	1	8	1	1	1	.....	Bituminous coal	Bituminous coal and coke.	Bituminous coal, coke, and wood.
14	e 2	16	.....	1	1	.....	Coal and coke (c)	.....	Soft coal and wood.
15	2	16	.....	1	2	.....	Bituminous coal and wood.	.....	Coke.
16	2	16	2	1	2	.....	Bituminous coal and wood.	Coke	Bituminous coal and wood.
17	1	10	.....	1	2	1	Bituminous coal	.....	Bituminous coal and wood.
18	2	20	.....	2	2	1	Bituminous coal	.....	Bituminous coal and wood.
19	3	16	.....	3	4	.....	Bituminous coal	.....	Bituminous coal and wood.
20	1	10	.....	1	2	1	Bituminous coal	.....	Bituminous coal and wood.
21	1	10	.....	1	2	1	Bituminous coal	.....	Bituminous coal and wood.
22	3	26	.....	3	3	2	Bituminous coal	.....	Bituminous coal and wood.
23	3	24	.....	2	2	.....	Bituminous coal	.....	Bituminous coal and wood.
24	f 2	18	g 3	1	2	2	Coal	Coal	Coal and wood.
25	1	8	2	1	2	1	Natural gas	Natural gas and coal.	Natural gas.
26	1	10	2	1	2	1	Natural gas	Natural gas	Natural gas.
27	2	18	2	2	h 1	1	Natural gas	Natural gas	Natural gas.
28	2	10	2	2	1	1	Natural gas	Natural gas	Natural gas.
29	1	10	.....	1	2	1	Bituminous coal	.....	Bituminous coal.
30	2	12	2	1	2	1	Natural gas	Natural gas	Natural gas.
31	1	10	2	1	2	.....	Bituminous coal	Bituminous coal	Bituminous coal.
32	1	10	.....	1	2	1	Natural gas	.....	Natural gas.
33	1	10	1	1	1	1	Natural gas	Natural gas	Natural gas.
34	1	10	2	1	2	1	Natural gas	Natural gas	Natural gas.
35	1	12	2	1	2	.....	Natural gas	Natural gas	Natural gas.
36	2	20	4	2	4	2	Natural gas and wood.	Natural gas and wood.	Natural gas and wood.
37	3	26	3	3	6	3	Natural gas	Natural gas	Natural gas.

a One cylinder dryer.
b Gas is used in two blowing furnaces and slack coal in two.
c Anthracite and bituminous coal were used during melting, and coke during blowing.
d Bituminous coal was used during melting, and coke during blowing.
e One furnace in operation 7 months, and one 3 months.
f Ten pots in one furnace, and eight in the other.
g One of the blowing furnaces is double.
h The pot arch is double.

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

C.—QUANTITY OF SINGLE STRENGTH GLASS PRODUCED.

Establishment number.	Lbs. per box.	Boxes of 50 square feet each.										
		From 6 x 8 to 8 x 10 inches.	From 8 x 11 to 10 x 15 inches.	From 10 x 16 to 12 x 18 inches.	From 12 x 19 to 16 x 24 inches.	From 16 x 25 to 24 x 30 inches.	From 24 x 31 to 24 x 36 inches.	From 24 x 37 to 26 x 40 inches.	From 26 x 41 to 28 x 44 inches.	From 28 x 45 to 32 x 49 inches.	Above 32 x 49 inches.	Total.
1	55	13,134	6,965	3,708	7,096	11,394	3,253	428	203	7	-------	46,188
2	60	9,427	6,297	1,830	6,480	7,992	1,524	342	405	6	-------	34,303
3	60	18,271	5,077	2,765	5,504	6,365	1,300	577	523	98	-------	40,480
4	60	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	-------	33,586
5	54	18,966	8,972	4,192	9,796	8,978	1,044	445	166	35	5	52,599
6	65	2,264	1,314	768	2,288	3,066	976	182	98	76	-------	11,032
7	55	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	-------	18,573
8	55	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	-------	35,000
9	55	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	-------	18,002
10	56	1,592	2,857	1,592	8,162	3,265	1,592	751	612	-------	-------	20,423
11	55½	(a)	(a)	(a)	(a)	(a)	(a)	-------	-------	-------	-------	54,492
12	55	(a)	(a)	(a)	(a)	(a)	(a)	(a)	-------	-------	-------	b 25,936
13	55	2,840	1,820	1,358	7,480	2,820	1,656	116	30	-------	-------	18,120
14	55	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	-------	b 25,000
15	55	4,124	8,336	8,460	12,380	5,876	2,100	-------	-------	-------	-------	41,276
16	55	4,900	5,934	5,958	17,240	7,831	4,550	620	110	-------	-------	47,143
17	55	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	17,022
18	60	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	-------	35,562
19	60	6,798	3,146	1,586	4,294	7,002	1,216	478	136	52	-------	24,708
20	60	4,928	1,552	1,066	3,818	4,288	1,570	602	270	30	-------	18,124
21	55	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	17,500
22	60	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	52,762
23	55	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	46,637
24	60	10,342	3,554	2,449	7,204	9,270	2,476	466	226	23	-------	36,010
25	60	3,982	1,742	1,127	2,470	2,810	470	142	165	33	-------	12,941
26	55	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	-------	17,726
27	60	12,016	3,477	2,786	5,142	5,943	1,339	311	211	14	3	31,242
28	58	6,530	3,013	2,044	3,335	3,587	836	342	109	2	-------	19,798
29	60	8,940	1,639	1,224	1,836	1,000	254	100	24	6	-------	15,023
30	66	7,251	3,291	1,996	5,376	4,910	1,396	305	159	27	-------	24,711
31	55	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	-------	20,687
32	56	5,149	2,441	2,132	4,034	5,626	890	352	70	-------	-------	20,694
33	56	7,510	3,731	1,695	5,083	4,457	970	420	300	42	-------	24,208
34	56	4,629	2,156	914	3,296	4,711	642	133	87	11	-------	16,579
35	56	6,850	3,249	1,657	4,650	4,148	980	331	130	103	-------	22,098
36	55	5,547	4,489	3,203	4,980	5,962	912	423	281	c 35	(c)	25,832
37	58	14,702	7,351	3,998	9,392	13,596	1,574	584	438	104	4	51,743

a Not reported.
b Calculated from best obtainable data.
c The number of boxes of glass above 32 x 49 inches is inseparably combined with those from 28 x 45 to 32 x 49 inches.

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

D.—QUANTITY OF DOUBLE STRENGTH GLASS PRODUCED.

Establishment number.	Lbs. per box.	Boxes of 50 square feet each.									
		From 6 x 8 to 12 x 18 inches.	From 12 x 19 to 16 x 24 inches.	From 16 x 25 to 24 x 36 inches.	From 24 x 37 to 30 x 41 inches.	From 30 x 42 to 36 x 51 inches.	From 36 x 52 to 39 x 60 inches.	From 40 x 60 to 40 x 65 inches.	From 40 x 66 to 40 x 70 inches.	Above 40 x 70 inches.	Total.
1	85	1,765	1,499	6,497	3,980	2,533	942	364	157	187	17,924
2	90	664	380	2,764	1,742	658	374	64	6	.....	6,652
3	90	4,108	3,342	5,409	3,781	2,627	1,201	569	266	61	21,364
4	90	3,032	2,095	4,684	2,379	1,673	610	207	79	67	14,826
5	80	2,152	3,084	3,868	2,283	2,888	2,039	312	304	298	17,228
6	80	1,071	791	2,660	1,751	855	239	100	34	17	7,509
7	80	(a)	(a)	(a)	(a)	(a)	(a)	.....	.....	.....	5,868
8	80	(a)	(a)	(a)	(a)	(a)	(a)	.....	.....	.....	10,000
9	82	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	.....	4,892
10	82	503	502	882	377	126	76	50	.....	.....	2,517
11	81	50	210	440	491	609	124	.....	.....	.....	1,924
12	85	(a)	(a)	(a)	(a)	(a)	(a)	(a)	.....	.....	b 2,200
13	85	812	90	198	2,844	120	216	60	.....	.....	4,340
14	85	(a)	(a)	(a)	(a)	(a)	(a)	(a)	.....	.....	b 2,650
15	85	200	680	1,160	1,300	2,130	.....	.....	.....	.....	5,470
16	80	620	150	170	1,931	240	177	100	.....	.....	3,388
17	90	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2,544
18	90	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	.....	10,035
19	90	980	956	4,958	2,718	1,314	286	28	.....	.....	11,240
20	90	304	446	1,850	710	582	96	196	94	70	4,348
21	90	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	4,138
22	90	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	10,216
23	90	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	8,262
24	85	1,286	1,038	4,737	2,023	916	332	74	17	9	10,462
25	85	764	667	2,642	1,759	1,447	298	74	10	4	7,665
26	85	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	.....	8,974
27	85	2,104	1,553	6,467	2,996	1,933	321	57	30	5	15,466
28	85	524	916	2,494	1,263	975	494	252	159	95	7,082
29	90	474	832	1,688	497	320	106	30	.....	.....	3,947
30	81½	1,056	621	3,281	1,331	833	338	159	52	64	7,785
31	85	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	.....	8,121
32	85	627	620	3,009	1,548	732	251	97	69	14	6,967
33	85	304	210	913	1,142	765	185	61	28	20	3,628
34	85	1,439	1,165	5,338	2,376	873	319	128	123	34	11,795
35	85	482	626	2,692	3,513	2,470	726	227	68	.....	10,804
36	80	3,678	3,953	7,327	3,209	2,398	1,118	344	147	92	22,266
37	85	2,352	2,550	9,814	5,630	2,878	718	286	58	98	24,384

a Not reported.
b Calculated from best obtainable data.

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

E.—QUANTITY OF MATERIALS (TONS OF 2,000 POUNDS) CHARGED INTO THE FURNACE.

Establishment number.	Sand.	Soda ash.	Salt cake.	Burnt lime or raw limestone.	Glass.	Arsenic.	Other.	Total.
1	1,655.00	.....	822.20	496.50	.....	9.36	42.00	3,025.06
2	1,100.00	.....	500.00	360.00	116.00	4.84	.....	2,080.84
3	2,786.71	123.44	489.01	528.05	115.40	.....	34.00	4,076.61
4	1,312.50	(*a*)	*a* 525.00	446.25	.....	17.00	(*b*)	*c* 2,300.75
5	1,584.24	296.25	311.24	559.85	(*d*)	10.38	18.00	2,779.96
6	401.00	44.25	166.78	160.40	64.00	.79	13.00	850.22
7	483.00	210.00	.....	148.00	132.00	.....	.....	973.00
8	1,112.00	315.00	.....	275.00	169.00	.....	.....	1,871.00
9	505.00	25.21	203.00	202.00	75.00	9.40	11.34	1,030.95
10	553.00	225.00	.....	158.00	8.00	.....	.....	944.00
11	1,246.00	436.00	.....	348.00	60.00	.....	.....	2,090.00
12	705.00	235.00	.....	198.00	10.00	1.75	.....	1,149.75
13	487.30	183.43	.....	181.64	.....	.....	.....	852.37
14	700.00	200.00	.....	160.00	20.00	.....	.....	1,080.60
15	1,241.00	409.80	.....	329.30	3.00	.....	.....	1,983.10
16	1,150.00	375.00	.....	350.00	20.00	.....	.....	1,895.00
17	590.00	224.00	.....	148.00	.....	.....	.....	962.00
18	1,360.00	544.00	.....	340.00	.....	.85	.....	2,244.85
19	1,018.00	390.00	10.00	255.00	150.00	.....	.....	1,823.00
20	636.00	229.41	.....	159.00	.....	.80	.....	1,025.21
21	600.00	216.00	12.00	144.00	.....	.....	.....	972.00
22	1,778.00	635.00	.....	445.00	100.00	.....	.....	2,958.00
23	1,333.00	449.00	39.00	278.00	50.00	.....	.....	2,149.00
24	1,520.00	319.20	228.00	410.40	120.00	2.85	12.65	2,613.10
25	782.90	53.28	217.14	171.30	52.00	39.57	.....	1,316.19
26	858.00	82.40	247.20	267.80	20.00	6.18	.....	1,481.58
27	1,520.00	182.40	378.00	486.40	.....	15.20	19.00	2,601.00
28	821.00	9.90	300.49	241.23	44.50	7.06	75.00	1,499.18
29	493.00	187.34	.....	142.97	19.55	1.50	.....	844.36
30	980.00	88.20	294.00	303.80	7.50	9.80	14.70	1,698.00
31	729.00	16.50	328.05	240.57	30.00	9.58	68.73	1,422.43
32	748.00	81.00	184.00	232.00	.....	5.00	7.00	1,257.00
33	670.85	.....	280.47	219.43	.....	2.13	17.08	1,189.96
34	780.60	.....	284.00	272.65	32.06	2.40	18.00	1,389.71
35	872.10	.....	357.60	305.49	.....	1.32	22.00	1,558.51
36	1,215.00	.....	562.00	421.00	*e* 125.00	.....	.....	2,323.00
37	1,702.92	.....	690.07	515.10	257.83	3.18	26.31	3,195.41

a The quantity of soda ash is inseparably combined with that of salt cake.
b Charcoal was used, but the quantity was not reported.
c Not including charcoal.
d A large amount of cullet was used, which was produced at other works operated by the same establishment.
e Calculated from best obtainable data.

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

F.—COST OF MATERIALS CHARGED INTO THE FURNACE.

Establishment number.	Sand.	Soda ash.	Salt cake.	Burnt lime or raw limestone.	Glass.	Arsenic.	Other.	Total.
1	$1,731	.....	$8,367	$1,317	.....	$562	$509	$12,486
2	2,346	.....	5,429	291	$1,169	291	.....	9,526
3	6,688	$3,281	5,427	1,105	1,408	.....	433	18,342
4	3,414	3,233	5,685	1,108	.....	1,203	134	14,777
5	4,357	9,480	5,602	1,400	.....	726	225	21,790
6	937	1,505	2,999	521	466	66	235	6,729
7	695	6,400	.....	318	792	.....	.....	8,205
8	1,946	7,667	.....	685	1,357	.....	.....	11,655
9	620	709	1,331	410	525	564	165	4,315
10	647	5,670	.....	788	80	.....	.....	7,185
11	1,371	10,722	.....	1,250	540	.....	.....	13,883
12	776	6,580	.....	881	100	90	.....	8,427
13	633	4,953	.....	908	.....	.....	.....	6,494
14	735	6,400	.....	720	160	.....	.....	8,015
15	2,084	10,719	.....	2,238	30	.....	.....	15,071
16	1,438	10,500	.....	1,750	160	.....	.....	13,848
17	592	4,778	.....	480	.....	.....	.....	5,850
18	2,096	9,308	.....	1,153	.....	51	.....	12,608
19	724	*a* 7,577	(*a*)	772	2,000	.....	.....	11,073
20	452	4,870	.....	480	.....	39	.....	5,841
21	1,019	*a* 4,691	(*a*)	690	.....	.....	.....	6,400
22	2,770	12,647	.....	1,212	1,000	.....	.....	17,629
23	2,958	8,027	507	795	250	.....	.....	12,537
24	2,875	9,576	3,192	715	1,440	260	154	18,152
25	1,408	1,365	2,017	440	520	243	.....	5,993
26	1,483	2,125	3,461	868	240	433	.....	8,610
27	3,420	6,916	4,990	1,167	.....	988	304	17,785
28	1,827	280	2,709	695	445	424	375	6,755
29	863	4,170	.....	544	196	90	.....	5,863
30	1,911	2,681	4,116	683	45	708	147	10,291
31	1,087	510	5,480	815	287	421	440	9,040
32	1,793	2,543	2,456	557	.....	338	80	7,767
33	1,515	.....	4,579	538	.....	149	179	6,960
34	2,119	.....	4,828	758	284	150	183	8,322
35	1,875	.....	5,939	825	.....	92	286	9,017
36	3,038	.....	8,992	1,436	*b* 1,500	.....	.....	14,966
37	4,280	.....	9,016	2,060	3,490	231	228	19,305

a The expenditures for salt cake are inseparably combined with those for soda ash.
b Calculated from best obtainable data.

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

G.—GENERAL STATEMENT OF COST FOR THE PERIOD.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included; likewise the expenditures for packing-boxes are not included, except when so stated.]

Establishment number.	Materials.	Labor.			Officials and clerks.	Supplies and repairs.	Fuel.	Taxes.	Total.
		Blowing, flattening, gathering, cutting, packing.	All other.	Total.					
1	$12,486	$74,060	$27,379	$101,439	$5,300	$2,098	$12,541	$1,095	$134,959
2	9,526	44,609	16,430	61,039	3,700	*a* 8,940	14,051	806	*a* 98,062
3	18,342	73,030	24,267	97,297	5,600	3,322	*b* 100	129	124,790
4	14,777	47,938	10,961	58,899	5,000	7,124	500	127	86,427
5	21,790	94,167	30,753	124,920	5,400	16,576	7,479	1,080	177,245
6	6,729	24,368	8,514	32,882	1,800	3,461	(*b*)	21	44,893
7	8,205	21,090	8,292	29,382	1,200	1,303	6,127	283	46,500
8	11,655	57,240	13,640	70,880	1,000	2,816	11,467	1,090	98,908
9	4,315	*c* 22,450	*c* 11,650	34,100	6,000	2,790	6,768	375	54,348
10	7,185	*c* 18,150	*c* 5,890	24,040	2,000	2,625	6,830	85	42,765
11	13,883	43,210	12,669	55,879	*d* 2,565	4,381	10,788	500	87,996
12	8,427	*c* 22,301	*c* 7,600	29,901	1,500	2,488	5,656	126	48,098
13	6,494	*c* 17,964	*c, e* 6,200	24,164	2,250	1,595	6,649	75	41,227
14	8,015	*c* 22,301	*c* 8,200	30,501	2,800	2,735	6,698	52	50,801
15	15,071	*c* 38,847	*c* 12,925	51,772	2,750	2,491	13,925	140	86,149
16	13,848	*c* 42,180	*c* 13,050	55,230	600	6,710	14,398	425	91,211
17	5,850	*c* 16,324	*c* 5,989	22,313	1,000	1,404	6,292	214	37,073
18	12,608	*c* 54,402	*c* 14,016	68,418	2,200	2,825	12,484	539	99,074
19	11,073	*c* 38,577	*c* 9,904	48,481	1,600	2,217	11,522	604	75,497
20	5,841	*c* 23,490	*c* 6,190	29,680	1,000	2,487	7,200	390	46,598
21	6,400	*c* 19,253	*c* 6,324	25,577	1,000	2,372	6,320	196	41,865
22	17,629	*c* 59,965	*c* 13,530	73,495	4,400	5,293	15,045	270	116,132
23	12,537	48,719	16,587	65,306	5,400	5,851	17,762	1,243	108,099
24	18,152	53,429	13,635	67,064	4,500	4,830	10,126	476	105,148
25	5,993	25,556	8,459	34,015	2,600	3,210	3,900	600	50,318
26	8,610	27,306	8,220	35,526	2,800	2,618	5,530	336	55,420
27	17,785	53,901	14,999	68,900	6,000	7,500	*b* 300	400	100,885
28	6,755	*c* 30,266	*c* 8,158	38,424	5,400	*a* 6,753	*b* 33	----------	*a* 57,365
29	5,863	*c* 18,134	*c* 7,796	25,930	2,352	*a* 3,648	4,653	----------	*a* 42,446
30	10,291	36,676	6,708	43,384	5,400	6,672	3,000	273	69,020
31	9,040	*c* 25,022	*c* 9,467	34,489	4,090	*a* 3,972	6,580	----------	*a* 58,171
32	7,767	*c* 30,479	*c* 10,974	41,453	2,200	1,490	2,800	115	55,825
33	6,960	27,288	8,725	36,013	2,805	3,263	2,550	100	51,691
34	8,322	35,546	10,444	45,990	2,560	2,045	4,418	313	63,648
35	9,017	39,916	11,061	50,977	2,650	5,127	5,400	678	73,849
36	14,966	61,051	19,077	80,128	3,080	5,625	14,815	700	119,314
37	19,305	89,815	27,703	117,518	10,800	4,253	14,500	2,150	168,526

a Including the expenditures for packing-boxes.
b The natural gas used as fuel was donated.
c The expenditures for packing are inseparably combined with those for all other labor.
d The amount above reported is 90 per cent. of the entire expenditure for officials and clerks, the remaining 10 per cent. being apportioned to the green glass bottle department of the same establishment.
e Calculated from best obtainable data.

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

H.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS FOR THE PERIOD.

Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	$375			$375
2	442			442
3	90	$1,400		1,490
4	934	800		1,734
5	519	*a* 7,200		*b* 7,719
6	288	671		959
7	600			600
8	696	1,500		2,196
9	400	1,600		2,000
10	141		$500	641
11	600	420		1,020
12	329			329
13	125			125
14	200			200
15	225			225
16	625			625
17	356			356
18	1,636			1,636
19	948			948
20	590			590
21	778			778
22	1,527			1,527
23	1,138	2,006		3,144
24	1,637			1,637
25	870			870
26	980			980
27	1,100	2,000		3,100
28	587			587
29	451			451
30	180	725	1,200	2,105
31	106			106
32	250	50		300
33	1,050	75		1,125
34	679			679
35	750			750
36	1,500			1,500
37	1,360			1,360

a Rent.
b Including rent, $7,200.

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

J.—COST OF MATERIALS IN ONE BOX OF SINGLE STRENGTH.

Establishment number.	Sand.	Soda ash.	Salt cake.	Burnt lime or raw limestone.	Glass.	Arsenic.	Other.	Total.
1	$0.0234	.....	$0.1133	$0.0178	.....	$0.0076	$0.0069	$0.1690
2	.0530	.....	.1226	.0066	$0.0264	.0065	.....	.2151
3	.0922	$0.0453	.0748	.0152	.0194	.....	.0060	.2529
4	.0612	.0579	.1018	.0198	.....	.0216	.0024	.2647
5	.0558	.1213	.0717	.0179	.....	.0093	.0029	.2789
6	.0462	.0742	.1479	.0257	.0230	.0033	.0116	.3319
7	.0257	.2361	.....	.0117	.0292	.....	.....	.3027
8	.0393	.1547	.....	.0138	.0274	.....	.....	.2352
9	.0245	.0277	.0526	.0162	.0208	.0223	.0065	.1706
10	.0268	.2352	.....	.0327	.0033	.....	.....	.2980
11	.0240	.1871	.....	.0218	.0094	.....	.....	.2423
12	.0265	.2243	.....	.0300	.0034	.0031	.....	.2873
13	.0255	.1995	.....	.0366	.....	.....	.....	.2616
14	.0253	.2200	.....	.0247	.0055	.....	.....	.2755
15	.0419	.2156	.....	.0450	.0006	.....	.....	.3031
16	.0276	.2016	.....	.0336	.0031	.....	.....	.2659
17	.0279	.2255	.....	.0227	.....	.....	.....	.2761
18	.0414	.1839	.....	.0228	.....	.0010	.....	.2491
19	.0174	*a* .1823	(*a*)	.0186	.0481	.....	.....	.2664
20	.0183	.1976	.....	.0195	.....	.0016	.....	.2370
21	.0420	*a* .1933	(*a*)	.0284	.....	.....	.....	.2637
22	.0407	.1858	.....	.0177	.0147	.....	.....	.2589
23	.0492	.1334	.0084	.0132	.0042	.....	.....	.2084
24	.0565	.1884	.0628	.0141	.0283	.0040	.0030	.3571
25	.0592	.0574	.0847	.0185	.0218	.0102	.....	.2518
26	.0469	.0673	.1095	.0275	.0076	.0137	.....	.2725
27	.0643	.1301	.0939	.0220	.....	.0186	.0057	.3346
28	.0605	.0093	.0898	.0230	.0148	.0141	.0124	.2239
29	.0412	.1991	.....	.0260	.0093	.0043	.....	.2799
30	.0557	.0781	.1199	.0199	.0013	.0206	.0043	.2998
31	.0327	.0154	.1649	.0245	.0086	.0127	.0132	.2720
32	.0573	.0813	.0786	.0178	.....	.0108	.0026	.2484
33	.0510	.....	.1541	.0181	.....	.0050	.0060	.2342
34	.0614	.....	.1400	.0220	.0082	.0044	.0053	.2413
35	.0487	.....	.1543	.0214	.....	.0024	.0074	.2342
36	.0522	.....	.1544	.0247	.0258	.....	.....	.2571
37	.0489	.....	.1031	.0236	.0399	.0026	.0026	.2207

a The expenditures for salt cake are inseparably combined with those for soda ash.

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

K.—CERTAIN MISCELLANEOUS COSTS IN ONE BOX OF SINGLE STRENGTH.

Establishment number.	All labor except blowing, flattening, gathering, cutting, and packing.	Officials and clerks.	Supplies and repairs.	Fuel.	Taxes.	Total.
1	$0.3705	$0.0718	$0.0284	$0.1697	$0.0148	$0.6552
2	.3710	.0836	*a* .2019	.3173	.0182	*a* .9920
3	.3346	.0772	.0458	—*b* .0014	.0018	.4608
4	.1964	.0896	.1276	.0089	.0023	.4248
5	.3936	.0691	.2122	.0958	.0138	.7845
6	.4200	.0888	.1707	(*b*)	.0010	.6805
7	.3059	.0443	.0481	.2260	.0104	.6347
8	.2753	.0202	.0568	.2315	.0220	.6058
9	*c* .4605	.2372	.1103	.2676	.0148	*c* 1.0904
10	*c* .2443	.0830	.1089	.2833	.0035	*c* .7230
11	.2211	*d* .0448	.0764	.1883	.0087	.5393
12	*c* .2591	.0511	.0848	.1928	.0043	*c* .5921
13	*e* .2497	.0906	.0643	.2678	.0030	*c* .6754
14	*c* .2818	.0962	.0940	.2302	.0018	*c* .7040
15	*c* .2599	.0553	.0501	.2800	.0028	*c* .6481
16	*c* .2506	.0115	.1289	.2765	.0082	*c* .6757
17	*c* .2827	.0472	.0663	.2970	.0101	*c* .7033
18	*e* .2769	.0435	.0558	.2466	.0107	*c* .6335
19	*c* .2383	.0385	.0533	.2772	.0145	*c* .6218
20	*c* .2512	.0406	.1009	.2921	.0158	*c* .7006
21	*c* .2605	.0412	.0977	.2604	.0081	*c* .6679
22	*c* .1987	.0646	.0778	.2210	.0039	*c* .5660
23	.2757	.0898	.0973	.2952	.0207	.7787
24	.2683	.0885	.0950	.1992	.0094	.6604
25	.3554	.1092	.1349	.1639	.0252	.7886
26	.2602	.0886	.0820	.1750	.0106	.6173
27	.2822	.1129	.1411	*b* .0057	.0075	.5494
28	*e* .2703	.1789	*a* .2238	*b* .0011	----------	*f* .6741
29	*e* .3722	.1123	*a* .1742	.2222	----------	*f* .8809
30	.1954	.1573	.1944	.0874	.0080	.6425
31	*e* .2848	.1230	*a* .1195	.1980	----------	*f* .7253
32	*e* .3510	.0704	.0476	.0895	.0037	*c* .5622
33	.2936	.0944	.1098	.0858	.0034	.5870
34	.3029	.0743	.0593	.1281	.0091	.5737
35	.2873	.0688	.1332	.1403	.0176	.6472
36	.3277	.0529	.0966	.2545	.0120	.7437
37	.3167	.1234	.0486	.1658	.0246	.6791

a Including the expenditures for packing-box.
b The natural gas used as fuel was donated.
c Including the expenditures for packing labor.
d The amount above reported is based upon 90 per cent. of the entire expenditure for officials and clerks, the remaining 10 per cent. being apportioned to the green glass bottle department of the same establishment.
e Including the expenditures for packing labor; calculated from best obtainable data.
f Including the expenditures for packing-box and packing labor.

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

L.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE BOX OF SINGLE STRENGTH.

Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	$0.0051			$0.0051
2	.0100			.0100
3	.0012	$0.0193		.0205
4	.0168	.0143		.0311
5	.0066	*a* .0922		.0988
6	.0142	.0331		.0473
7	.0221			.0221
8	.0140	.0303		.0443
9	.0158	.0633		.0791
10	.0059		$0.0207	.0266
11	.0105	.0073		.0178
12	.0112			.0112
13	.0050			.0050
14	.0069			.0069
15	.0045			.0045
16	.0120			.0120
17	.0168			.0168
18	.0323			.0323
19	.0228			.0228
20	.0239			.0239
21	.0321			.0321
22	.0224			.0224
23	.0189	.0334		.0523
24	.0322			.0322
25	.0366			.0366
26	.0310			.0310
27	.0207	.0376		.0583
28	.0195			.0195
29	.0215			.0215
30	.0052	.0211	.0350	.0613
31	.0032			.0032
32	.0080	.0016		.0096
33	.0354	.0025		.0379
34	.0197			.0197
35	.0195			.0195
36	.0258			.0258
37	.0155			.0155

a Rent.
b Including rent, $0.0922.

TABLE **VII.**—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

M.—COST OF MATERIALS IN ONE BOX OF DOUBLE STRENGTH.

Establishment number.	Sand.	Soda ash.	Salt cake.	Burnt lime or raw limestone.	Glass.	Arsenic.	Other.	Total.
1	$0.0362	.....	$0.1750	$0.0276	.....	$0.0118	$0.0106	$0.2612
2	.0795	.....	.1839	.0099	$0.0396	.0098	.....	.3227
3	.1383	$0.0679	.1122	.0228	.0291	.....	.0090	.3793
4	.0917	.0869	.1528	.0298	.....	.0323	.0036	.3971
5	.0826	.1798	.1062	.0266	.....	.0137	.0043	.4132
6	.0569	.0914	.1820	.0316	.0283	.0040	.0143	.4085
7	.0373	.3434	.....	.0171	.0425	.....	.....	.4403
8	.0571	.2251	.....	.0201	.0399	.....	.....	.3422
9	.0365	.0413	.0784	.0242	.0309	.0333	.0097	.2543
10	.0393	.3444	.....	.0479	.0048	.....	.....	.4364
11	.0349	.2731	.....	.0318	.0138	.....	.....	.3536
12	.0409	.3466	.....	.0464	.0053	.0047	.....	.4439
13	.0394	.3083	.....	.0565	.....	.....	.....	.4042
14	.0390	.3400	.....	.0382	.0085	.....	.....	.4257
15	.0648	.3331	.....	.0696	.0009	.....	.....	.4684
16	.0401	.2933	.....	.0489	.0045	.....	.....	.3868
17	.0457	.3691	.....	.0371	.....	.....	.....	.4519
18	.0621	.2758	.....	.0342	.....	.0015	.....	.3736
19	.0261	*a* .2734	(*a*)	.0279	.0722	.....	.....	.3996
20	.0275	.2964	.....	.0292	.....	.0024	.....	.3555
21	.0687	*a* .3163	(*a*)	.0465	.....	.....	.....	.4315
22	.0610	.2786	.....	.0267	.0221	.....	.....	.3884
23	.0805	.2183	.0138	.0216	.0068	.....	.....	.3410
24	.0801	.2669	.0890	.0199	.0401	.0056	.0043	.5059
25	.0838	.0812	.1201	.0262	.0309	.0145	.....	.3567
26	.0725	.1040	.1693	.0425	.0117	.0212	.....	.4212
27	.0912	.1843	.1330	.0311	.....	.0263	.0081	.4740
28	.0887	.0136	.1316	.0337	.0216	.0206	.0182	.3280
29	.0618	.2987	.....	.0390	.0140	.0064	.....	.4199
30	.0687	.0964	.1481	.0246	.0016	.0255	.0053	.3702
31	.0505	.0237	.2548	.0379	.0134	.0196	.0204	.4203
32	.0870	.1235	.1192	.0270	.....	.0164	.0039	.3770
33	.0774	.....	.2339	.0275	.....	.0076	.0091	.3555
34	.0933	.....	.2125	.0334	.0124	.0066	.0081	.3663
35	.0739	.....	.2342	.0325	.....	.0036	.0113	.3555
36	.0759	.....	.2246	.0359	.0375	.....	.....	.3739
37	.0717	.....	.1510	.0345	.0585	.0039	.0038	.3234

a The expenditures for salt cake are inseparably combined with those for soda ash.

TABLE VII.—COST OF PRODUCTION OF WINDOW GLASS AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

N.—CERTAIN MISCELLANEOUS COSTS IN ONE BOX OF DOUBLE STRENGTH.

Establishment number.	All labor except blowing, flattening, gathering, cutting, and packing.	Officials and clerks.	Supplies and repairs.	Fuel.	Taxes.	Total.
1	$0.5727	$0.1108	$0.0439	$0.2623	$0.0229	$1.0126
2	.5566	.1253	*a* .3028	.4760	.0273	*a* 1.4880
3	.5019	.1158	.0687	*b* .0021	.0027	.6912
4	.2945	.1344	.1914	.0134	.0034	.6371
5	.5832	.1024	.3144	.1418	.0205	1.1623
6	.5169	.1092	.2101	(*b*)	.0013	.8375
7	.4449	.0644	.0699	.3288	.0152	.9232
8	.4004	.0294	.0827	.3366	.0320	.8811
9	*c* .6866	.3536	.1645	.3989	.0221	*c* 1.6257
10	*c* .3577	.1215	.1594	.4148	.0052	*c* 1.0586
11	.3227	*d* .0653	.1116	.2748	.0127	.7871
12	*c* .4004	.0790	.1311	.2980	.0066	*c* .9151
13	*e* .3859	.1401	.0993	.4139	.0047	*c* 1.0439
14	*c* .4356	.1487	.1453	.3558	.0028	*c* 1.0882
15	*c* .4016	.0855	.0774	.4327	.0044	*c* 1.0016
16	*c* .3645	.0168	.1874	.4022	.0119	*c* .9828
17	*c* .4626	.0773	.1084	.4860	.0165	*c* 1.1508
18	*c* .4154	.0652	.0837	.3700	.0160	*c* .9503
19	*c* .3574	.0577	.0800	.4158	.0218	*c* .9327
20	*c* .3767	.0609	.1514	.4382	.0237	*c* 1.0509
21	*c* .4264	.0674	.1599	.4261	.0132	*c* 1.0930
22	*c* .2981	.0969	.1166	.3315	.0059	*c* .8490
23	.4512	.1469	.1592	.4831	.0338	1.2742
24	.3800	.1254	.1346	.2822	.0133	.9355
25	.5035	.1548	.1911	.2321	.0357	1.1172
26	.4021	.1370	.1280	.2705	.0164	.9540
27	.3998	.1599	.1999	*b* .0080	.0107	.7783
28	*c* .3962	.2622	*a* .3280	*b* .0016	----------	*f* .9880
29	*c* .5584	.1684	*a* .2613	.3333	----------	*f* 1.3214
30	.2413	.1943	.2401	.1079	.0098	.7934
31	*c* .4402	.1902	*a* .1847	.3059	----------	*f* 1.1210
32	*c* .5327	.1068	.0723	.1359	.0056	*c* .8533
33	.4457	.1433	.1667	.1302	.0051	.8910
34	.4597	.1127	.0900	.1945	.0138	.8707
35	.4361	.1045	.2022	.2129	.0267	.9824
36	.4766	.0770	.1405	.3701	.0175	1.0817
37	.4641	.1809	.0713	.2429	.0360	.9952

a Including the expenditures for packing-box.
b The natural gas used as fuel was donated.
c Including the expenditures for packing labor.
d The amount above reported is based upon 90 per cent. of the entire expenditure for officials and clerks, the remaining 10 per cent. being apportioned to the green glass bottle department of the same establishment.
e Including the expenditures for packing labor; calculated from best obtainable data.
f Including the expenditures for packing-box and packing labor.

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

O.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE BOX OF DOUBLE STRENGTH.

Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	$0.0078			$0.0078
2	.0150			.0150
3	.0019	$0.0289		.0308
4	.0251	.0215		.0466
5	.0098	*a* .1365		*b* .1463
6	.0175	.0407		.0582
7	.0322			0322
8	.0204	.0441		.0645
9	.0236	.0943		.1179
10	.0085		$0.0304	.0389
11	.0153	.0107		0260
12	.0173			.0173
13	.0078			.0078
14	.0106			.0106
15	.0070			.0070
16	.0175			.0175
17	.0275			.0275
18	.0485			.0485
19	.0342			.0342
20	.0359			.0359
21	.0525			.0525
22	.0336			.0336
23	.0309	.0546		.0855
24	.0456			.0456
25	.0518			.0518
26	.0479			.0479
27	.0293	.0533		.0826
28	.0285			.0285
29	.0323			.0323
30	.0065	.0261	.0431	.0757
31	.0049			.0049
32	.0122	.0024		.0146
33	.0537	.0038		.0575
34	.0299			.0299
35	.0296			.0296
36	.0375			.0375
37	.0228			.0228

a Rent.
b Including rent, $0.1365.

TABLE VII.—COST OF PRODUCTION OF WINDOW GLASS AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

P.—ELEMENTS OF COST IN ONE BOX OF 8 BY 10, SINGLE STRENGTH.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Establishment number.	Materials.	Miscellaneous costs (shown in detail in subtable K).	Packing-box.	Labor.						Total of all cost.
				Blowing.	Flattening.	Gathering.	Cutting.	Packing.	Total.	
1	$0.1690	$0.6552	a$0.0600	$0.2800	$0.0700	$0.1820	$0.1375	a$0.0275	$0.6970	$1.5812
2	.2151	b.9920	(b)	.2800	.0700	.1820	.1375	.0264	.6959	1.9030
3	.2529	.4608	.0600	.2800	.0700	.1820	.1375	.0113	.6808	1.4545
4	.2647	.4248	.0600	.2800	.0700	.1820	.1375	.0150	.6845	1.4340
5	.2789	.7845	.0580	.2800	.0700	.1820	.1375	.0333	.7028	1.8242
6	.3319	.6805	.0630	.2800	.0700	.1820	.1375	.0250	.6945	1.7699
7	.3027	.6347	.0500	.2600	.0650	.1750	.1300	.0200	.6500	1.6374
8	.2352	.6058	.0500	.2600	.0650	.1750	.1300	.0200	.6500	1.5410
9	.1706	c1.0904	.0700	.2800	.0700	.1820	.1375	(c)	.6695	2.0005
10	.2980	c.7230	.0800	.2600	.0650	.1750	.1325	(c)	.6325	1.7335
11	.2423	.5393	.0700	.2600	.0650	.1750	.1325	.0150	.6475	1.4991
12	.2873	c.5921	.0800	.2600	.0650	.1750	.1325	(c)	.6325	1.5919
13	.2616	c,d.6754	.0800	.2600	.0650	.1750	.1325	(c)	.6325	1.6495
14	.2755	c.7040	.0800	.2600	.0650	.1750	.1325	(c)	.6325	1.6920
15	.3031	c.6481	.0600	.2600	.0650	.1750	.1325	(c)	.6325	1.6437
16	.2659	c.6757	.0800	.2600	.0650	.1750	.1325	(c)	.6325	1.6541
17	.2761	c.7033	a.0650	.2520	.0630	.1638	.1250	(c)	.6038	1.6482
18	.2491	c.6335	a.0650	.2520	.0630	.1638	.1250	(c)	.6038	1.5514
19	.2664	c.6218	a.0650	.2520	.0630	.1638	.1250	(c)	.6038	1.5570
20	.2370	c.7006	a.0650	.2520	.0630	.1638	.1250	(c)	.6038	1.6064
21	.2637	c.6679	a.0650	.2520	.0630	.1638	.1250	(c)	.6038	1.6004
22	.2589	c.5660	.0650	.2520	.0630	.1638	.1250	(c)	.6038	1.4937
23	.2084	.7787	.0650	.2520	.0630	.1638	.1250	.0180	.6218	1.6739
24	.3571	.6604	.0600	.2800	.0700	.1820	.1375	.0188	.6883	1.7658
25	.2518	.7886	.0500	.2800	.0700	.1820	.1375	.0200	.6895	1.7799
26	.2725	.6173	.0500	.2800	.0700	.1820	.1375	.0200	.6895	1.6293
27	.3346	.5494	.0550	.2800	.0700	.1820	.1375	.0175	.6870	1.6260
28	.2239	e.6741	(e)	.2800	.0700	.1820	.1375	(e)	.6695	1.5675
29	.2799	e.8809	(e)	.2800	.0700	.1820	.1375	(e)	.6695	1.8303
30	.2998	.6425	.0500	.2800	.0700	.1820	.1375	.0117	.6812	1.6735
31	.2720	e.7253	(e)	.2800	.0700	.1820	.1375	(e)	.6695	1.6668
32	.2484	c.5622	.0750	.2800	.0700	.1820	.1375	(c)	.6695	1.5551
33	.2342	.5870	.0750	.2800	.0700	.1820	.1375	.0225	.6920	1.5882
34	.2413	.5737	.0700	.2800	.0700	.1820	.1375	.0225	.6920	1.5770
35	.2342	.6472	.0750	.2800	.0700	.1820	.1375	.0225	.6920	1.6484
36	.2571	.7437	.0750	.2800	.0700	.1820	.1375	.0225	.6920	1.7678
37	.2207	.6791	.0700	.2800	.0700	.1820	.1375	.0225	.6920	1.6618

a Calculated from best obtainable data.
b The expenditures for packing-box are inseparably combined with those for miscellaneous elements
c The expenditures for packing labor are inseparably combined with those for miscellaneous elements.
d The expenditures for labor included with the above, amounting to $0.2497, are calculated from best obtainable data.
e The expenditures for packing-box and packing labor are inseparably combined with those for miscellaneous elements.

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

Q.—SUMMARY OF COST OF ONE BOX OF 8 BY 10, SINGLE STRENGTH.

[This sub-table is based on sub-tables J, K, and P, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to those sub-tables for such information as is furnished there.]

Establishment number.	Pounds per box.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
1	55	$0.1690	10.69	$1.0675	67.51	$0.3447	21.80	$1.5812	100
2	60	.2151	11.30	1.0669	56.07	.6210	32.63	1.9030	100
3	60	.2529	17.39	1.0154	69.81	.1862	12.80	1.4545	100
4	60	.2647	18.46	.8809	61.43	.2884	20.11	1.4340	100
5	54	.2789	15.29	1.0964	60.10	.4489	24.61	1.8242	100
6	65	.3319	18.75	1.1145	62.97	.3235	18.28	1.7699	100
7	55	.3027	18.49	.9559	58.38	.3788	23.13	1.6374	100
8	55	.2352	15.26	.9253	60.05	.3805	24.69	1.5410	100
9	55	.1706	8.53	1.1300	56.48	.6999	34.99	2.0005	100
10	56	.2980	17.19	.8768	50.58	.5587	32.23	1.7335	100
11	55½	.2423	16.16	.8686	57.94	.3882	25.90	1.4991	100
12	55	.2873	18.05	.8916	56.01	.4130	25.94	1.5919	100
13	55	.2616	15.86	.8822	53.48	.5057	30.66	1.6495	100
14	55	.2755	16.28	.9143	54.04	.5022	29.68	1.6920	100
15	55	.3031	18.44	.8924	54.29	.4482	27.27	1.6437	100
16	55	.2659	16.07	.8831	53.39	.5051	30.54	1.6541	100
17	55	.2761	16.75	.8865	53.79	.4856	29.46	1.6482	100
18	60	.2491	16.06	.8807	56.77	.4216	27.17	1.5514	100
19	60	.2664	17.11	.8421	54.08	.4485	28.81	1.5570	100
20	60	.2370	14.75	.8550	53.23	.5144	32.02	1.6064	100
21	55	.2637	16.48	.8643	54.00	.4724	29.52	1.6004	100
22	60	.2589	17.33	.8025	53.73	.4323	28.94	1.4937	100
23	55	.2084	12.45	.8975	53.62	.5680	33.93	1.6739	100
24	60	.3571	20.22	.9566	54.18	.4521	25.60	1.7658	100
25	60	.2518	14.15	1.0449	58.70	.4832	27.15	1.7799	100
26	55	.2725	16.72	.9497	58.29	.4071	24.99	1.6293	100
27	60	.3346	20.58	.9692	59.61	.3222	19.81	1.6260	100
28	58	.2239	14.28	.9398	59.96	.4038	25.76	1.5675	100
29	60	.2799	15.29	1.0417	56.92	.5087	27.79	1.8303	100
30	66	.2998	17.92	.8766	52.38	.4971	29.70	1.6735	100
31	55	.2720	16.32	.9543	57.25	.4405	26.43	1.6668	100
32	56	.2484	15.97	1.0205	65.62	.2862	18.41	1.5551	100
33	56	.2342	14.75	.9856	62.06	.3684	23.19	1.5882	100
34	56	.2413	15.30	.9949	63.09	.3408	21.61	1.5770	100
35	56	.2342	14.21	.9793	59.41	.4349	26.38	1.6484	100
36	55	.2571	14.54	1.0197	57.68	.4910	27.78	1.7678	100
37	58	.2207	13.28	1.0087	60.70	.4324	26.02	1.6618	100

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

R.—ELEMENTS OF COST IN ONE BOX OF 10 BY 15, SINGLE STRENGTH.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Establishment number.	Materials.	Miscellaneous costs (shown in detail in subtable K).	Packing-box.	Labor.						Total of all cost.
				Blowing.	Flattening.	Gathering.	Cutting.	Packing.	Total.	
1	$0.1690	$0.6552	*a*$0.0700	$0.3000	$0.0750	$0.1950	$0.1375	*a*$0.0275	$0.7350	$1.6292
2	.2151	*b*.9920	(*b*)	.3000	.0750	.1950	.1375	.0264	.7339	1.9410
3	.2529	.4608	.0600	.3000	.0750	.1950	.1375	.0113	.7188	1.4925
4	.2647	.4248	.0600	.3000	.0750	.1950	.1375	.0150	.7225	1.4720
5	.2789	.7845	.0580	.3000	.0750	.1950	.1375	.0333	.7408	1.8622
6	.3319	.6805	.0630	.3000	.0750	.1950	.1375	.0250	.7325	1.8079
7	.3027	.6347	.0500	.2600	.0650	.1750	.1300	.0200	.6500	1.6374
8	.2352	.6058	.0500	.2600	.0650	.1750	.1300	.0200	.6500	1.5410
9	.1706	*c*1.0904	.0700	.3000	.0750	.1950	.1375	(*c*)	.7075	2.0385
10	.2980	*c*.7230	.1000	.2600	.0650	.1750	.1325	(*c*)	.6325	1.7535
11	.2423	.5393	.0800	.2600	.0650	.1750	.1325	.0150	.6475	1.5091
12	.2873	*c*.5921	.0900	.2600	.0650	.1750	.1325	(*c*)	.6325	1.6019
13	.2616	*c,d*.3754	.1000	.2600	.0650	.1750	.1325	(*c*)	.6325	1.6695
14	.2755	*c*.7040	.0900	.2600	.0650	.1750	.1325	(*c*)	.6325	1.7020
15	.3031	*c*.6481	.0700	.2600	.0650	.1750	.1325	(*c*)	.6325	1.6537
16	.2659	*c*.6757	.1000	.2600	.0650	.1750	.1325	(*c*)	.6325	1.6741
17	.2761	*c*.7033	*a*.0700	.2700	.0675	.1755	.1250	(*c*)	.6380	1.6874
18	.2491	*c*.6335	*a*.0700	.2700	.0675	.1755	.1250	(*c*)	.6380	1.5906
19	.2664	*c*.6218	*a*.0700	.2700	.0675	.1755	.1250	(*c*)	.6380	1.5962
20	.2370	*c*.7006	*a*.0700	.2700	.0675	.1755	.1250	(*c*)	.6380	1.6456
21	.2637	*c*.6679	*a*.0700	.2700	.0675	.1755	.1250	(*c*)	.6380	1.6396
22	.2589	*c*.5660	.0700	.2700	.0675	.1755	.1250	(*c*)	.6380	1.5329
23	.2084	.7787	.0700	.2700	.0675	.1755	.1250	.0180	.6560	1.7131
24	.3571	.6604	.0700	.3000	.0750	.1950	.1375	.0187	.7262	1.8137
25	.2518	.7886	.0700	.3000	.0750	.1950	.1375	.0200	.7275	1.8379
26	.2725	.6173	.0700	.3000	.0750	.1950	.1375	.0200	.7275	1.6873
27	.3346	.5494	.0550	.3000	.0750	.1950	.1375	.0175	.7250	1.6640
28	.2239	*e*.6741	(*e*)	.3000	.0750	.1950	.1375	(*e*)	.7075	1.6055
29	.2799	*e*.8809	(*e*)	.3000	.0750	.1950	.1375	(*e*)	.7075	1.8683
30	.2998	.6425	.0500	.3000	.0750	.1950	.1375	.0117	.7192	1.7115
31	.2720	*e*.7253	(*e*)	.3000	.0750	.1950	.1375	(*e*)	.7075	1.7048
32	.2484	*e*.5622	.0800	.3000	.0750	.1950	.1375	(*e*)	.7075	1.5981
33	.2342	.5870	.0800	.3000	.0750	.1950	.1375	.0225	.7300	1.6312
34	.2413	.5737	.0700	.3000	.0750	.1950	.1375	.0225	.7300	1.6150
35	.2342	.6472	.0800	.3000	.0750	.1950	.1375	.0225	.7300	1.6914
36	.2571	.7437	.0800	.3000	.0750	.1950	.1375	.0225	.7300	1.8108
37	.2207	.6791	.0700	.3000	.0750	.1950	.1375	.0225	.7300	1.6998

a Calculated from best obtainable data.
b The expenditures for packing-box are inseparably combined with those for miscellaneous elements.
c The expenditures for packing labor are inseparably combined with those for miscellaneous elements.
d The expenditures for labor included with the above, amounting to $0.2497, are calculated from best obtainable data.
e The expenditures for packing-box and packing labor are inseparably combined with those for miscellaneous elements.

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

S.—SUMMARY OF COST OF ONE BOX OF 10 BY 15, SINGLE STRENGTH.

[This sub-table is based on sub-tables J, K, and R, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to those sub-tables for such information as is furnished there.]

Establishment number.	Pounds per box.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
1	55	$0.1690	10.37	$1.1055	67.86	$0.3547	21.77	$1.6292	100
2	60	.2151	11.08	1.1049	56.93	.6210	31.99	1.9410	100
3	60	.2529	16.94	1.0534	70.58	.1862	12.48	1.4925	100
4	60	.2647	17.98	.9189	62.43	.2884	19.59	1.4720	100
5	54	.2789	14.98	1.1344	60.92	.4489	24.10	1.8622	100
6	65	.3319	18.36	1.1525	63.75	.3235	17.89	1.8079	100
7	55	.3027	18.49	.9559	58.38	.3788	23.13	1.6374	100
8	55	.2352	15.26	.9253	60.05	.3805	24.69	1.5410	100
9	55	.1706	8.37	1.1680	57.30	.6999	34.33	2.0385	100
10	56	.2980	17.00	.8768	50.00	.5787	33.00	1.7535	100
11	55½	.2423	16.05	.8686	57.56	.3982	26.39	1.5091	100
12	55	.2873	17.93	.8916	55.66	.4230	26.41	1.6019	100
13	55	.2616	15.67	.8822	52.84	.5257	31.49	1.6695	100
14	55	.2755	16.19	.9143	53.72	.5122	30.09	1.7020	100
15	55	.3031	18.33	.8924	53.96	.4582	27.71	1.6537	100
16	55	.2659	15.88	.8831	52.75	.5251	31.37	1.6741	100
17	55	.2761	16.36	.9207	54.56	.4906	29.08	1.6874	100
18	60	.2491	15.66	.9149	57.52	.4266	26.82	1.5906	100
19	60	.2664	16.69	.8763	54.90	.4535	28.41	1.5962	100
20	60	.2370	14.40	.8892	54.04	.5194	31.56	1.6456	100
21	55	.2637	16.08	.8985	54.80	.4774	29.12	1.6396	100
22	60	.2589	16.89	.8367	54.58	.4373	28.53	1.5329	100
23	55	.2084	12.16	.9317	54.39	.5730	33.45	1.7131	100
24	60	.3571	19.60	.9945	54.83	.4621	25.48	1.8137	100
25	60	.2518	13.70	1.0829	58.92	.5032	27.38	1.8379	100
26	55	.2725	16.15	.9877	58.54	.4271	25.31	1.6873	100
27	60	.3346	20.11	1.0072	60.53	.3222	19.36	1.6640	100
28	58	.2239	13.95	.9778	60.90	.4038	25.15	1.6055	100
29	60	.2799	14.98	1.0797	57.79	.5087	27.23	1.8683	100
30	66	.2998	17.52	.9146	53.44	.4971	29.04	1.7115	100
31	55	.2720	15.95	.9923	58.21	.4405	25.84	1.7048	100
32	56	.2484	15.54	1.0585	66.24	.2912	18.22	1.5981	100
33	56	.2342	14.36	1.0236	62.75	.3734	22.89	1.6312	100
34	56	.2413	14.94	1.0329	63.96	.3408	21.10	1.6150	100
35	56	.2342	13.85	1.0173	60.14	.4399	26.01	1.6914	100
36	55	.2571	14.20	1.0577	58.41	.4960	27.39	1.8108	100
37	58	.2207	12.98	1.0467	61.58	.4324	25.44	1.6998	100

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

T.—ELEMENTS OF COST IN ONE BOX OF 12 BY 18, SINGLE STRENGTH.

Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Establishment number.	Materials.	Miscellaneous costs (shown in detail in subtable K).	Packing-box.	Labor.						Total of all cost.
				Blowing.	Flattening.	Gathering.	Cutting.	Packing.	Total.	
1	$0.1690	$0.6552	*a*$0.0800	$0.3400	$0.0850	$0.2210	$0.1375	*a*$0.0275	$0.8110	$1.7152
2	.2151	*b*.9920	(*b*)	.3400	.0850	.2210	.1375	.0264	.8099	2.0170
3	.2529	.4608	.0700	.3400	.0850	.2210	.1375	.0150	.7985	1.5580
4	.2647	.4248	.0700	.3400	.0850	.2210	.1375	.0333	.8168	1.9452
5	.2789	.7845	.0650	.3400	.0850	.2210	.1375	.0250	.8085	1.8959
6	.3319	.6805	.0750	.3400	.0850	.2210	.1375	.0250	.8085	1.7024
7	.3027	.6347	.0600	.2900	.0700	.1950	.1300	.0200	.7050	1.7024
8	.2352	.6058	.0600	.2900	.0700	.1950	.1300	.0200	.7050	1.6060
9	.1706	*c*1.0904	.0700	.3400	.0850	.2210	.1375	(*c*)	.7835	2.1145
10	.2980	*c*.7230	.1200	.2900	.0700	.1950	.1325	(*c*)	.6875	1.8285
11	.2423	.5393	.0850	.2900	.0700	.1950	.1325	.0150	.7025	1.5691
12	.2873	*c*.5921	.1000	.2900	.0700	.1950	.1325	(*c*)	.6875	1.6669
13	.2616	*c,d*.6754	.1200	.2900	.0700	.1950	.1325	(*c*)	.6875	1.7445
14	.2755	*c*.7040	.1000	.2900	.0700	.1950	.1325	(*c*)	.6875	1.7670
15	.3031	*c*.6481	.0900	.2900	.0700	.1950	.1325	(*c*)	.6875	1.7287
16	.2659	*c*.6757	.1200	.2900	.0700	.1950	.1325	(*c*)	.6875	1.7491
17	.2761	*c*.7033	*a*.0700	.3060	.0765	.1989	.1250	(*c*)	.7064	1.7558
18	.2491	*c*.6335	*a*.0700	.3060	.0765	.1989	.1250	(*c*)	.7064	1.6590
19	.2664	*c*.6218	*a*.0700	.3060	.0765	.1989	.1250	(*c*)	.7064	1.6646
20	.2370	*c*.7006	*a*.0700	.3060	.0765	.1989	.1250	(*c*)	.7064	1.7140
21	.2637	*c*.6679	*a*.0700	.3060	.0765	.1989	.1250	(*c*)	.7064	1.7080
22	.2589	*c*.5660	.0700	.3060	.0765	.1989	.1250	(*c*)	.7064	1.6013
23	.2084	.7787	.0700	.3060	.0765	.1989	.1250	.0180	.7244	1.7815
24	.3571	.6604	.0900	.3400	.0850	.2210	.1375	.0188	.8023	1.9093
25	.2518	.7886	.0800	.3400	.0850	.2210	.1375	.0200	.8035	1.9239
26	.2725	.6173	.0900	.3400	.0850	.2210	.1375	.0200	.8035	1.7833
27	.3346	.5494	.0660	.3400	.0850	.2210	.1375	.0175	.8010	1.7510
28	.2239	*e*.6741	(*e*)	.3400	.0850	.2210	.1375	(*e*)	.7835	1.6815
29	.2799	*e*.8809	(*e*)	.3400	.0850	.2210	.1375	(*e*)	.7835	1.9443
30	.2998	.6425	.0620	.3400	.0850	.2210	.1375	.0117	.7952	1.7995
31	.2720	*e*.7253	(*e*)	.3400	.0850	.2210	.1375	(*e*)	.7835	1.7808
32	.2484	*e*.5622	.0800	.3400	.0850	.2210	.1375	(*e*)	.7835	1.6741
33	.2342	.5870	.0800	.3400	.0850	.2210	.1375	.0225	.8060	1.7072
34	.2413	.5737	.0840	.3400	.0850	.2210	.1375	.0225	.8060	1.7050
35	.2342	.6472	.0800	.3400	.0850	.2210	.1375	.0225	.8060	1.7674
36	.2571	.7437	.0800	.3400	.0850	.2210	.1375	.0225	.8060	1.8868
37	.2207	.6791	.0840	.3400	.0850	.2210	.1375	.0225	.8060	1.7898

a Calculated from best obtainable data.
b The expenditures for packing-box are inseparably combined with those for miscellaneous elements.
c The expenditures for packing labor are inseparably combined with those for miscellaneous elements.
d The expenditures for labor included with the above, amounting to $0.2497, are calculated from best obtainable data.
e The expenditures for packing-box and packing labor are inseparably combined with those for miscellaneous elements.

TABLE VII.—COST OF PRODUCTION OF WINDOW GLASS AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

U.—SUMMARY OF COST OF ONE BOX OF 12 BY 18, SINGLE STRENGTH.

[This sub-table is based on sub-tables J, K, and T, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to those sub-tables for such information as is furnished there.]

Establishment number.	Pounds per box.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
1	55	$0.1690	9.85	$1.1815	68.89	$0.3647	21.26	$1.7152	100
2	60	.2151	10.66	1.1809	58.55	.6210	30.79	2.0170	100
3	60	.2529	16.02	1.1294	71.55	.1962	12.43	1.5785	100
4	60	.2647	16.99	.9949	63.86	.2984	19.15	1.5580	100
5	54	.2789	14.34	1.2104	62.22	.4559	23.44	1.9452	100
6	65	.3319	17.51	1.2285	64.80	.3355	17.69	1.8959	100
7	55	.3027	17.78	1.0109	59.38	.3888	22.84	1.7024	100
8	55	.2352	14.65	.9803	61.04	.3905	24.31	1.6060	100
9	55	.1706	8.07	1.2440	58.83	.6999	33.10	2.1145	100
10	56	.2980	16.30	.9318	50.96	.5987	32.74	1.8285	100
11	55½	.2423	15.44	.9236	58.86	.4032	25.70	1.5691	100
12	55	.2873	17.23	.9466	56.79	.4330	25.98	1.6669	100
13	55	.2616	15.00	.9372	53.72	.5457	31.28	1.7445	100
14	55	.2755	15.59	.9693	54.86	.5222	29.55	1.7670	100
15	55	.3031	17.53	.9474	54.81	.4782	27.66	1.7287	100
16	55	.2659	15.20	.9381	53.63	.5451	31.17	1.7491	100
17	55	.2761	15.73	.9891	56.33	.4906	27.94	1.7558	100
18	60	.2491	15.02	.9833	59.27	.4266	25.71	1.6590	100
19	60	.2664	16.01	.9447	56.75	.4535	27.24	1.6646	100
20	60	.2370	13.83	.9576	55.87	.5194	30.30	1.7140	100
21	55	.2637	15.44	.9669	56.61	.4774	27.95	1.7080	100
22	60	.2589	16.17	.9051	56.52	.4373	27.31	1.6013	100
23	55	.2084	11.70	1.0001	56.14	.5730	32.16	1.7815	100
24	60	.3571	18.70	1.0706	56.06	.4821	25.24	1.9098	100
25	60	.2518	13.09	1.1589	60.24	.5132	26.67	1.9239	100
26	55	.2725	15.28	1.0637	59.65	.4471	25.07	1.7833	100
27	60	.3346	19.11	1.0832	61.86	.3332	19.03	1.7510	100
28	58	.2239	13.32	1.0538	62.67	.4038	24.01	1.6815	100
29	60	.2799	14.40	1.1557	59.44	.5087	26.16	1.9443	100
30	66	.2998	16.66	.9906	55.05	.5091	28.29	1.7995	100
31	55	.2720	15.27	1.0683	59.99	.4405	24.74	1.7808	100
32	56	.2484	14.84	1.1345	67.77	.2912	17.39	1.6741	100
33	56	.2342	13.72	1.0996	64.41	.3734	21.87	1.7072	100
34	56	.2413	14.15	1.1089	65.04	.3548	20.81	1.7050	100
35	56	.2342	13.25	1.0933	61.86	.4399	24.89	1.7674	100
36	55	.2571	13.63	1.1337	60.08	.4960	26.29	1.8868	100
37	58	.2207	12.33	1.1227	62.73	.4464	24.94	1.7898	100

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

V.—ELEMENTS OF COST IN ONE BOX OF 16 BY 24, SINGLE STRENGTH.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Establishment number.	Materials.	Miscellaneous costs (shown in detail in subtable K).	Packing-box.	Labor.						Total of all cost.
				Blowing.	Flattening.	Gathering.	Cutting.	Packing.	Total.	
1	$0.1690	$0.6552	*a*$0.1000	$0.3600	$0.0900	$0.2340	$0.1375	*a*$0.0275	$0.8490	$1.7732
2	.2151	*b* .9920	(*b*)	.3600	.0900	.2340	.1375	.0264	.8479	2.0550
3	.2529	.4608	.0900	.3600	.0900	.2340	.1375	.0113	.8328	1.6365
4	.2647	.4248	.0900	.3600	.0900	.2340	.1375	.0150	.8365	1.6160
5	.2789	.7845	.0860	.3600	.0900	.2340	.1375	.0333	.8548	2.0042
6	.3319	.6805	.0930	.3600	.0900	.2340	.1375	.0250	.8465	1.9519
7	.3027	.6347	.0700	.3850	.0950	.2600	.1300	.0200	.8900	1.8974
8	.2352	.6058	.0700	.3850	.0950	.2600	.1300	.0200	.8900	1.8010
9	.1706	*c* 1.0904	.0800	.3600	.0900	.2340	.1375	(*e*)	.8215	2.1625
10	.2980	*c* .7230	.1500	.3850	.0960	.2600	.1325	(*e*)	.8735	2.0445
11	.2423	.5393	.0950	.3850	.0960	.2600	.1325	.0150	.8885	1.7651
12	.2873	*c* .5921	.1300	.3850	.0960	.2600	.1325	(*e*)	.8735	1.8829
13	.2616	*c,d*. 6754	.1500	.3850	.0960	.2600	.1325	(*e*)	.8735	1.9605
14	.2755	*c* .7040	.1300	.3850	.0960	.2600	.1325	(*e*)	.8735	1.9830
15	.3031	*c* .6481	.1100	.3850	.0960	.2600	.1325	(*e*)	.8735	1.9347
16	.2659	*c* .6757	.1500	.3850	.0960	.2600	.1325	(*e*)	.8735	1.9651
17	.2761	*c* .7033	*a* .1000	.3240	.0810	.2106	.1250	(*e*)	.7406	1.8200
18	.2491	*c* .6335	*a* .1000	.3240	.0810	.2106	.1250	(*e*)	.7406	1.7232
19	.2664	*c* .6218	*a* .1000	.3240	.0810	.2106	.1250	(*e*)	.7406	1.7288
20	.2370	*c* .7006	*a* .1000	.3240	.0810	.2106	.1250	(*e*)	.7406	1.7782
21	.2637	*c* .6679	*a* .1000	.3240	.0810	.2106	.1250	(*e*)	.7406	1.7722
22	.2589	*c* .5660	.1000	.3240	.0810	.2106	.1250	(*e*)	.7406	1.6655
23	.2084	.7787	.1000	.3240	.0810	.2106	.1250	.0180	.7586	1.8457
24	.3571	.6604	.1000	.3600	.0900	.2340	.1375	.0187	.8402	1.9577
25	.2518	.7886	.0900	.3600	.0900	.2340	.1375	.0200	.8415	1.9719
26	.2725	.6173	.1000	.3600	.0900	.2340	.1375	.0200	.8415	1.8313
27	.3346	.5494	.0850	.3600	.0900	.2340	.1375	.0175	.8390	1.8080
28	.2239	*e* .6741	(*e*)	.3600	.0900	.2340	.1375	(*e*)	.8215	1.7195
29	.2799	*e* .8809	(*e*)	.3600	.0900	.2340	.1375	(*e*)	.8215	1.9823
30	.2998	.6425	.0800	.3600	.0900	.2340	.1375	.0117	.8332	1.8555
31	.2720	*e* .7253	(*e*)	.3600	.0900	.2340	.1375	(*e*)	.8215	1.8188
32	.2484	*e* .5622	.1150	.3600	.0900	.2340	.1375	(*e*)	.8215	1.7471
33	.2342	.5870	.1150	.3600	.0900	.2340	.1375	.0225	.8440	1.7802
34	.2413	.5737	.1260	.3600	.0900	.2340	.1375	.0225	.8440	1.7850
35	.2342	.6472	.1150	.3600	.0900	.2340	.1375	.0225	.8440	1.8404
36	.2571	.7437	.1150	.3600	.0900	.2340	.1375	.0225	.8440	1.9598
37	.2207	.6791	.1260	.3600	.0900	.2340	.1375	.0225	.8440	1.8698

a Calculated from best obtainable data.
b The expenditures for packing-box are inseparably combined with those for miscellaneous elements.
c The expenditures for packing labor are inseparably combined with those for miscellaneous elements.
d The expenditures for labor included with the above, amounting to $0.2497, are calculated from best obtainable data.
e The expenditures for packing-box and packing labor are inseparably combined with those for miscellaneous elements.

TABLE VII.—COST OF PRODUCTION OF WINDOW GLASS AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

W.—SUMMARY OF COST OF ONE BOX OF 16 BY 24, SINGLE STRENGTH.

[This sub-table is based on sub-tables J, K, and V, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to those sub-tables for such information as is furnished there.]

Establishment number.	Pounds per box.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
1	55	$0.1690	9.53	$1.2195	68.77	$0.3847	21.70	$1.7732	100
2	60	.2151	10.47	1.2189	59.31	.6210	30.22	2.0550	100
3	60	.2529	15.45	1.1674	71.34	.2162	13.21	1.6365	100
4	60	.2647	16.38	1.0329	63.92	.3184	19.70	1.6160	100
5	54	.2789	13.92	1.2484	62.29	.4769	23.79	2.0042	100
6	65	.3319	17.00	1.2665	64.89	.3535	18.11	1.9519	100
7	55	.3027	15.95	1.1959	63.03	.3988	21.02	1.8974	100
8	55	.2352	13.06	1.1653	64.70	.4005	22.24	1.8010	100
9	55	.1706	7.89	1.2820	59.28	.7099	32.83	2.1625	100
10	56	.2980	14.58	1.1178	54.67	.6287	30.75	2.0445	100
11	55½	.2423	13.73	1.1096	62.86	.4132	23.41	1.7651	100
12	55	.2873	15.26	1.1326	60.15	.4630	24.59	1.8829	100
13	55	.2616	13.34	1.1232	57.29	.5757	29.37	1.9605	100
14	55	.2755	13.89	1.1553	58.26	.5522	27.85	1.9830	100
15	55	.3031	15.67	1.1334	58.58	.4982	25.75	1.9347	100
16	55	.2659	13.53	1.1241	57.20	.5751	29.27	1.9651	100
17	55	.2761	15.17	1.0233	56.23	.5206	28.60	1.8200	100
18	60	.2491	14.45	1.0175	59.05	.4566	26.50	1.7232	100
19	60	.2664	15.41	.9789	56.62	.4835	27.97	1.7288	100
20	60	.2370	13.33	.9918	55.77	.5494	30.90	1.7782	100
21	55	.2637	14.88	1.0011	56.49	.5074	28.63	1.7722	100
22	60	.2589	15.54	.9393	56.40	.4673	28.06	1.6655	100
23	55	.2084	11.29	1.0343	56.04	.6030	32.67	1.8457	100
24	60	.3571	18.24	1.1085	56.62	.4921	25.14	1.9577	100
25	60	.2518	12.77	1.1969	60.70	.5232	26.53	1.9719	100
26	55	.2725	14.88	1.1017	60.16	.4571	24.96	1.8313	100
27	60	.3346	18.51	1.1212	62.01	.3522	19.48	1.8080	100
28	58	.2239	13.02	1.0918	63.50	.4038	23.48	1.7195	100
29	60	.2799	14.12	1.1937	60.22	.5087	25.66	1.9823	100
30	66	.2998	16.16	1.0286	55.43	.5271	28.41	1.8555	100
31	55	.2720	14.95	1.1063	60.83	.4405	24.22	1.8188	100
32	56	.2484	14.22	1.1725	67.11	.3262	18.67	1.7471	100
33	56	.2342	13.16	1.1376	63.90	.4084	22.94	1.7802	100
34	56	.2413	13.52	1.1469	64.25	.3968	22.23	1.7850	100
35	56	.2342	12.73	1.1313	61.47	.4749	25.80	1.8404	100
36	55	.2571	13.12	1.1717	59.79	.5310	27.09	1.9598	100
37	58	.2207	11.80	1.1607	62.08	.4884	26.12	1.8698	100

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

X.—ELEMENTS OF COST IN ONE BOX OF 24 BY 30, SINGLE STRENGTH.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Establishment number.	Materials.	Miscellaneous costs (shown in detail in subtable K).	Packing-box.	Labor.						Total of all cost.
				Blowing.	Flattening.	Gathering.	Cutting.	Packing.	Total.	
1	$0.1690	$0.6552	*a*$0.1200	$0.4350	$0.1075	$0.2828	$0.1375	*a*$0.0275	$0.9903	$1.9345
2	.2151	*b* .9920	(*b*)	.4350	.1075	.2828	.1375	.0264	.9892	2.1963
3	.2529	.4608	.1500	.4350	.1088	.2827	.1375	.0150	.9790	1.8185
4	.2647	.4248	.1500	.4350	.1088	.2827	.1375	.0333	.9973	2.2007
5	.2789	.7845	.1400	.4350	.1088	.2827	.1375	.0250	.9890	2.1554
6	.3319	.6805	.1540	.4350	.1088	.2827	.1375	.0250	.9850	2.0124
7	.3027	.6347	.0900	.4350	.1100	.2900	.1300	.0200	.9850	1.9160
8	.2352	.6058	.0900	.4350	.1100	.2900	.1300	.0200	.9850	2.3238
9	.1706	*c* 1.0904	.1000	.4350	.1075	.2828	.1375	(*c*)	.9628	2.1910
10	.2980	*c* .7230	.2000	.4350	.1100	.2925	.1325	(*c*)	.9700	1.8716
11	.2423	.5393	.1050	.4350	.1100	.2925	.1325	.0150	.9850	2.0094
12	.2873	*c* .5921	.1600	.4350	.1100	.2925	.1325	(*c*)	.9700	2.0870
13	.2616	*c, d* .6754	.1800	.4350	.1100	.2925	.1325	(*c*)	.9700	2.1095
14	.2755	*c* .7040	.1600	.4350	.1100	.2925	.1325	(*c*)	.9700	2.0512
15	.3031	*c* .6481	.1300	.4350	.1100	.2925	.1325	(*c*)	.9700	2.1116
16	.2659	*c* .6757	.2000	.4350	.1100	.2925	.1325	(*c*)	.9700	2.1116
17	.2761	*c* .7033	*a* .1300	.3915	.0978	.2544	.1250	(*c*)	.8687	1.9781
18	.2491	*c* .6335	*a* .1300	.3915	.0978	.2544	.1250	(*c*)	.8687	1.8813
19	.2664	*c* .6218	*a* .1300	.3915	.0978	.2544	.1250	(*c*)	.8687	1.8869
20	.2370	*c* .7006	*a* .1300	.3915	.0978	.2544	.1250	(*c*)	.8687	1.9363
21	.2637	*c* .6679	*a* .1300	.3915	.0978	.2544	.1250	(*c*)	.8687	1.9303
22	.2589	*c* .5660	.1300	.3915	.0978	.2544	.1250	(*c*)	.8687	1.8236
23	.2084	.7787	.1300	.3915	.0978	.2544	.1250	.0180	.8867	2.0038
24	.3571	.6604	.1000	.4350	.1075	.2827	.1375	.0188	.9815	2.0990
25	.2518	.7886	.1000	.4350	.1075	.2828	.1375	.0200	.9828	2.1232
26	.2725	.6173	.1100	.4350	.1075	.2828	.1375	.0200	.9828	1.9826
27	.3346	.5494	.1450	.4350	.1087	.2828	.1375	.0175	.9815	2.0105
28	.2239	*e* .6741	(*e*)	.4350	.1075	.2828	.1375	(*e*)	.9628	1.8608
29	.2799	*e* .8809	(*e*)	.4350	.1075	.2827	.1375	(*e*)	.9627	2.1235
30	.2998	.6425	.1430	.4350	.1088	.2827	.1375	.0117	.9757	2.0610
31	.2720	*e* .7253	(*e*)	.4350	.1075	.2828	.1375	(*e*)	.9628	1.9601
32	.2484	*e* .5622	.1400	.4350	.1090	.2820	.1375	(*e*)	.9635	1.9141
33	.2342	.5870	.1400	.4350	.1090	.2820	.1375	.0225	.9860	1.9472
34	.2413	.5737	.2100	.4350	.1090	.2840	.1375	.0225	.9880	2.0130
35	.2342	.6472	.1400	.4350	.1090	.2820	.1375	.0225	.9860	2.0074
36	.2571	.7437	.1400	.4350	.1080	.2830	.1375	.0225	.9860	2.1268
37	.2207	.6791	.2100	.4350	.1075	.2828	.1375	.0225	.9853	2.0951

a Calculated from best obtainable data.
b The expenditures for packing-box are inseparably combined with those for miscellaneous elements.
c The expenditures for packing labor are inseparably combined with those for miscellaneous elements.
d The expenditures for labor included with the above, amounting to $0.2497, are calculated from best obtainable data.
e The expenditures for packing-box and packing labor are inseparably combined with those for miscellaneous elements.

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

Y.—SUMMARY OF COST OF ONE BOX OF 24 BY 30, SINGLE STRENGTH.

[This sub-table is based on sub-tables J, K, and X, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to those sub-tables for such information as is furnished there.]

Establishment number.	Pounds per box.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
1	55	$0.1690	8.74	$1.3608	70.34	$0.4047	20.92	$1.9345	100
2	60	.2151	9.79	1.3602	61.93	.6210	28.28	2.1963	100
3	60	.2529	13.75	1.3099	71.23	.2762	15.02	1.8390	100
4	60	.2647	14.56	1.1754	64.63	.3784	20.81	1.8185	100
5	54	.2789	12.67	1.3909	63.20	.5309	24.13	2.2007	100
6	65	.3319	15.40	1.4090	65.37	.4145	19.23	2.1554	100
7	55	.3027	15.04	1.2909	64.15	.4188	20.81	2.0124	100
8	55	.2352	12.27	1.2603	65.78	.4205	21.95	1.9160	100
9	55	.1706	7.34	1.4233	61.25	.7209	31.41	2.3238	100
10	56	.2980	13.60	1.2143	55.42	.6787	30.98	2.1910	100
11	55½	.2423	12.95	1.2061	64.44	.4232	22.61	1.8716	100
12	55	.2873	14.30	1.2291	61.17	.4930	24.53	2.0094	100
13	55	.2616	12.54	1.2197	58.44	.6057	29.02	2.0870	100
14	55	.2755	13.06	1.2518	59.34	.5822	27.60	2.1095	100
15	55	.3031	14.78	1.2299	59.96	.5182	25.26	2.0512	100
16	55	.2659	12.59	1.2206	57.80	.6251	29.61	2.1116	100
17	55	.2761	13.96	1.1514	58.21	.5506	27.83	1.9781	100
18	60	.2491	13.24	1.1456	60.89	.4866	25.87	1.8813	100
19	60	.2664	14.12	1.1070	58.67	.5135	27.21	1.8869	100
20	60	.2370	12.24	1.1199	57.84	.5794	29.92	1.9363	100
21	55	.2637	13.66	1.1292	58.50	.5374	27.84	1.9303	100
22	60	.2589	14.20	1.0674	58.53	.4973	27.27	1.8236	100
23	55	.2084	10.40	1.1624	58.01	.6330	31.59	2.0038	100
24	60	.3571	17.01	1.2498	59.54	.4921	23.45	2.0990	100
25	60	.2518	11.86	1.3382	63.03	.5332	25.11	2.1232	100
26	55	.2725	13.74	1.2430	62.70	.4671	23.56	1.9826	100
27	60	.3346	16.64	1.2637	62.86	.4122	20.50	2.0105	100
28	58	.2239	12.03	1.2331	66.27	.4038	21.70	1.8608	100
29	60	.2799	13.18	1.3349	62.86	.5087	23.96	2.1235	100
30	66	.2998	14.55	1.1711	56.82	.5901	28.63	2.0610	100
31	55	.2720	13.88	1.2476	63.65	.4405	22.47	1.9601	100
32	56	.2484	12.98	1.3145	68.67	.3512	18.35	1.9141	100
33	56	.2342	12.03	1.2796	65.71	.4334	22.26	1.9472	100
34	56	.2413	11.99	1.2909	64.13	.4808	23.88	2.0130	100
35	56	.2342	11.67	1.2733	63.43	.4999	24.90	2.0074	100
36	55	.2571	12.09	1.3137	61.77	.5560	26.14	2.1268	100
37	58	.2207	10.53	1.3020	62.15	.5724	27.32	2.0951	100

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

Z.—ELEMENTS OF COST IN ONE BOX OF 24 BY 36, SINGLE STRENGTH.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Establishment number.	Materials.	Miscellaneous costs (shown in detail in subtable K).	Packing-box.	Labor.						Total of all cost.
				Blowing.	Flattening.	Gathering.	Cutting.	Packing.	Total.	
1	$0.1690	$0.6552	*a* $0.1200	$0.5100	$0.1275	$0.3315	$0.1375	*a* $0.0275	$1.1340	$2.0782
2	.2151	*b* .9920	(*b*)	.5100	.1275	.3315	.1375	.0264	1.1329	2.3400
3	.2529	.4608	.1800	.5100	.1275	.3315	.1375	.0113	1.1178	2.0115
4	.2647	.4248	.1800	.5100	.1275	.3315	.1375	.0150	1.1215	1.9910
5	.2789	.7845	.1750	.5100	.1275	.3330	.1375	.0333	1.1413	2.3797
6	.3319	.6805	.1850	.5100	.1275	.3315	.1375	.0250	1.1315	2.3289
7	.3027	.6347	.1000	.4350	.1100	.2900	.1300	.0200	.9850	2.0224
8	.2352	.6058	.1000	.4350	.1100	.2900	.1300	.0200	.9850	1.9260
9	.1706	*c* 1.0904	.1000	.5100	1275	.3311	.1375	(*c*)	1.1061	2.4671
10	.2980	*c* .7230	.2200	.4350	.1100	.2925	.1325	(*c*)	.9700	2.2110
11	.2423	.5393	.1200	.4350	.1100	.2925	.1325	.0150	.9850	1.8866
12	.2873	*c* .5021	.1800	.4350	.1100	.2925	.1325	(*c*)	.9700	2.0294
13	.2616	*c*, *d* .6754	.2200	.4350	.1100	.2925	.1325	(*c*)	.9700	2.1270
14	.2755	*c* .7040	.1800	.4350	.1100	.2925	.1325	(*c*)	.9700	2.1295
15	.3031	*c* .6481	.1800	.4350	.1100	.2925	.1325	(*c*)	.9700	2.1012
16	.2659	*c* .6757	.2200	.4350	.1100	.2925	.1325	(*c*)	.9700	2.1316
17	.2761	*c* .7033	*a* .1500	.4590	.1147	.2983	.1250	(*c*)	.9970	2.1264
18	.2491	*c* .6335	*a* .1500	.4590	.1147	.2983	.1250	(*c*)	.9970	2.0296
19	.2661	*c* .6218	*a* .1500	.4590	.1147	.2983	.1250	(*c*)	.9970	2.0352
20	.2370	*c* .7006	*a* .1500	.4590	.1147	.2983	.1250	(*c*)	.9970	2.0846
21	.2637	*c* .6679	*a* .1500	.4590	.1147	.2983	.1250	(*c*)	.9970	2.0786
22	.2589	*c* .5660	.1500	.4590	.1147	.2983	.1250	(*c*)	.9970	1.9719
23	.2084	.7787	.1500	.4590	.1147	.2983	.1250	.0180	1.0150	2.1521
24	.3571	.6604	.1100	.5100	.1275	.3315	.1375	.0187	1.1252	2.2527
25	.2518	.7886	.1000	.5100	.1275	.3315	.1375	.0200	1.1265	2.2669
26	.2725	.6173	.1100	.5100	.1275	.3315	.1375	.0200	1.1265	2.1263
27	.3346	.5494	.1750	.5100	.1275	.3315	.1375	.0175	1.1240	2.1830
28	.2239	*e* .6741	(*e*)	.5100	.1275	.3315	.1375	(*e*)	1.1065	2.0045
29	.2799	*e* .8809	(*e*)	.5100	.1275	.3315	.1375	(*e*)	1.1065	2.2673
30	.2998	.6425	.1700	.5100	.1275	.3330	.1375	.0117	1.1197	2.2320
31	.2720	*e* .7253	(*e*)	.5100	.1275	.3315	.1375	(*e*)	1.1065	2.1038
32	.2484	*c* .5622	.1600	.5100	.1280	.3310	.1375	(*c*)	1.1065	2.0771
33	.2342	.5870	.1600	.5100	.1280	.3310	.1375	.0225	1.1290	2.1102
34	.2413	.5737	.2380	.5100	.1280	.3310	.1375	.0225	1.1290	2.1820
35	.2342	.6472	.1600	.5100	.1280	.3310	.1375	.0225	1.1290	2.1704
36	.2571	.7437	.1600	.5100	.1280	.3320	.1375	.0225	1.1300	2.2908
37	.2207	.6791	.2380	.5100	.1275	.3315	.1375	.0225	1.1290	2.2668

a Calculated from best obtainable data.
b The expenditures for packing-box are inseparably combined with those for miscellaneous elements.
c The expenditures for packing labor are inseparably combined with those for miscellaneous elements.
d The expenditures for labor included with the above, amounting to $0.2497, are calculated from best obtainable data.
e The expenditures for packing-box and packing labor are inseparably combined with those for miscellaneous elements.

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

A A.—SUMMARY OF COST OF ONE BOX OF 24 BY 36, SINGLE STRENGTH.

[This sub-table is based on sub-tables J, K, and Z, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to those sub-tables for such information as is furnished there.]

Establishment number.	Pounds per box.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
1	55	$0.1690	8.13	$1.5045	72.40	$0.4047	19.47	$2.0782	100
2	60	.2151	9.19	1.5039	64.27	.6210	26.54	2.3400	100
3	60	.2529	12.57	1.4524	72.21	.3062	15.22	2.0115	100
4	60	.2647	13.30	1.3179	66.19	.4084	20.51	1.9910	100
5	54	.2789	11.72	1.5349	64.50	.5659	23.78	2.3797	100
6	65	.3319	14.25	1.5515	66.62	.4455	19.13	2.3289	100
7	55	.3027	14.97	1.2909	63.83	.4288	21.20	2.0224	100
8	55	.2352	12.21	1.2603	65.44	.4305	22.35	1.9260	100
9	55	.1706	6.91	1.5666	63.50	.7299	29.59	2.4671	100
10	56	.2980	13.48	1.2143	54.92	.6987	31.60	2.2110	100
11	55½	.2423	12.84	1.2061	63.93	.4382	23.23	1.8866	100
12	55	.2873	14.16	1.2291	60.56	.5130	25.28	2.0294	100
13	55	.2616	12.30	1.2197	57.34	.6457	30.36	2.1270	100
14	55	.2755	12.94	1.2518	58.78	.6022	28.28	2.1295	100
15	55	.3031	14.43	1.2299	58.53	.5682	27.04	2.1012	100
16	55	.2659	12.48	1.2206	57.26	.6451	30.26	2.1316	100
17	55	.2761	12.99	1.2797	60.18	.5706	26.83	2.1264	100
18	60	.2491	12.27	1.2739	62.77	.5066	24.96	2.0296	100
19	60	.2664	13.09	1.2353	60.70	.5335	26.21	2.0352	100
20	60	.2370	11.37	1.2482	59.88	.5994	28.75	2.0846	100
21	55	.2637	12.69	1.2575	60.50	.5574	26.81	2.0786	100
22	60	.2589	13.13	1.1957	60.64	.5173	26.23	1.9719	100
23	55	.2084	9.68	1.2907	59.98	.6530	30.34	2.1521	100
24	60	.3571	15.85	1.3935	61.86	.5021	22.29	2.2527	100
25	60	.2518	11.11	1.4819	65.37	.5332	23.52	2.2669	100
26	55	.2725	12.81	1.3867	65.22	.4671	21.97	2.1263	100
27	60	.3346	15.33	1.4062	64.41	.4422	20.26	2.1830	100
28	58	.2239	11.17	1.3768	68.69	.4038	20.14	2.0045	100
29	60	.2799	12.34	1.4787	65.22	.5087	22.44	2.2673	100
30	66	.2998	13.43	1.3151	58.92	.6171	27.65	2.2320	100
31	55	.2720	12.93	1.3913	66.13	.4405	20.94	2.1038	100
32	56	.2484	11.96	1.4575	70.17	.3712	17.87	2.0771	100
33	56	.2342	11.10	1.4226	67.41	.4534	21 49	2.1102	100
34	56	.2413	11.06	1.4319	65.62	.5088	23 32	2.1820	100
35	56	.2342	10.79	1.4163	65.26	.5199	23.95	2.1704	100
36	55	.2571	11.22	1.4577	63.63	.5760	25.15	2.2908	100
37	58	.2207	9.73	1.4457	63.78	.6004	26.49	2.2668	100

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

BB.—ELEMENTS OF COST IN ONE BOX OF 26 BY 40, SINGLE STRENGTH.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Establishment number.	Materials.	Miscellaneous costs (shown in detail in subtable K).	Packing-box.	Labor.						Total of all cost.
				Blowing.	Flattening.	Gathering.	Cutting.	Packing.	Total.	
1	$0.1690	$0.6552	*a*$0.1500	$0.5550	$0.1400	$0.3607	$0.1375	*a*$0.0275	$1.2207	$2.1949
2	.2151	*b* .9920	(*b*)	.5550	.1400	.3607	.1375	.0264	1.2196	2.4267
3	.2529	.4608	.2350	.5550	.1388	.3607	.1375	.0113	1.2033	2.1520
4	.2647	.4248	.2350	.5550	.1387	.3608	.1375	.0150	1.2070	2.1315
5	.2789	.7845	.2200	.5550	.1387	.3608	.1375	.0333	1.2253	2.5087
6	.3319	.6805	.2400	.5550	.1387	.3608	.1375	.0250	1.2170	2.4694
7	.3027	.6347	.1200	.4350	.1100	.2900	.1300	.0200	.9850	2.0424
8	.2352	.6058	.1200	.4350	.1100	.2900	.1300	.0200	.9850	1.9460
9	.1706	*c* 1.0904	.1200	.5550	.1400	.3608	.1375	(*c*)	1.1933	2.5743
10	.2980	*c* .7230	.2400	.4350	.1100	.2925	.1325	(*c*)	.9700	2.2310
11										
12	.2873	*c* .5921	.2200	.4350	.1100	.2925	.1325	(*c*)	.9700	2.0694
13	.2616	*c*,*d* .6754	.2500	.4350	.1100	.2925	.1325	(*c*)	.9700	2.1570
14	.2755	*c* .7040	.2200	.4350	.1100	.2925	.1325	(*c*)	.9700	2.1695
15										
16	.2659	*c* .6757	.2500	.4350	.1100	.2925	.1325	(*c*)	.9700	2.1616
17	.2761	*c* .7033	*a* .1600	.4995	.1247	.3246	.1250	(*c*)	1.0738	2.2132
18	.2491	*c* .6335	*a* .1600	.4995	.1247	.3246	.1250	(*c*)	1.0738	2.1164
19	.2664	*c* .6218	*a* .1600	.4995	.1247	.3246	.1250	(*c*)	1.0738	2.1320
20	.2370	*c* .7036	*a* .1600	.4995	.1247	.3246	.1250	(*c*)	1.0738	2.1714
21	.2637	*c* .6679	*a* .1600	.4995	.1247	.3246	.1250	(*c*)	1.0738	2.1654
22	.2589	*c* .5660	.1600	.4995	.1247	.3246	.1250	(*c*)	1.0738	2.0587
23	.2084	.7787	.1600	.4995	.1247	.3246	.1250	.0180	1.0918	2.2389
24	.3571	.6604	.1200	.5550	.1400	.3607	.1375	.0188	1.2120	2.3495
25	.2518	.7886	.1200	.5550	.1400	.3607	.1375	.0200	1.2132	2.3736
26	.2725	.6173	.1200	.5550	.1400	.3607	.1375	.0200	1.2132	2.2230
27	.3346	.5494	.2300	.5550	.1388	.3607	.1375	.0175	1.2095	2.3235
28	.2239	*e* .6741	(*e*)	.5550	.1388	.3607	.1375	(*e*)	1.1920	2.0900
29	.2799	*e* .8809	(*e*)	.5550	.1400	.3608	.1375	(*e*)	1.1933	2.3541
30	.2998	.6425	.2240	.5550	.1388	.3607	.1375	.0117	1.2037	2.3700
31	.2720	*e* .7253	(*e*)	.5550	.1400	.3608	.1375	(*e*)	1.1933	2.1906
32	.2484	*c* .5622	.1700	.5550	.1390	.3610	.1375	(*c*)	1.1925	2.1731
33	.2342	.5870	.1700	.5550	.1390	.3610	.1375	.0225	1.2150	2.2062
34	.2413	.5737	.2800	.5550	.1390	.3610	.1375	.0225	1.2150	2.3100
35	.2342	.6472	.1700	.5550	.1390	.3610	.1375	.0225	1.2150	2.2664
36	.2571	.7437	.1700	.5550	.1390	.3610	.1375	.0225	1.2150	2.3858
37	.2207	.6791	.2800	.5550	.1388	.3607	.1375	.0225	1.2145	2.3943

a Calculated from best obtainable data.
b The expenditures for packing-box are inseparably combined with those for miscellaneous elements.
c The expenditures for packing labor are inseparably combined with those for miscellaneous elements.
d The expenditures for labor included with the above, amounting to $0.2497, are calculated from best obtainable data.
e The expenditures for packing-box and packing labor are inseparably combined with those for miscellaneous elements.

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

CC.—SUMMARY OF COST OF ONE BOX OF 26 BY 40, SINGLE STRENGTH.

[This sub-table is based on sub-tables J, K, and BB, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to those sub-tables for such information as is furnished there.]

Establishment number.	Pounds per box.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
1	55	$0.1690	7.70	$1.5912	72.50	$0.4347	19.80	$2.1949	100
2	60	.2151	8.86	1.5906	65.55	.6210	25.59	2.4267	100
3	60	.2529	11.75	1.5379	71.46	.3612	16.79	2.1520	100
4	60	.2647	12.42	1.4034	65.84	.4634	21.74	2.1315	100
5	54	.2789	11.12	1.6189	64.53	.6109	24.35	2.5087	100
6	65	.3319	13.44	1.6370	66.29	.5005	20.27	2.4694	100
7	55	.3027	14.82	1.2909	63.21	.4488	21.97	2.0424	100
8	55	.2352	12.09	1.2603	64.76	.4505	23.15	1.9460	100
9	55	.1706	6.63	1.6538	64.24	.7499	29.13	2.5743	100
10	56	.2980	13.36	1.2143	54.43	.7187	32.21	2.2310	100
11									
12	55	.2873	13.88	1.2291	59.40	.5530	26.72	2.0694	100
13	55	.2616	12.13	1.2197	56.55	.6757	31.32	2.1570	100
14	55	.2755	12.70	1.2518	57.70	.6422	29.60	2.1695	100
15									
16	55	.2659	12.30	1.2206	56.47	.6751	31.23	2.1616	100
17	55	.2761	12.48	1.3565	61.29	.5806	26.23	2.2132	100
18	60	.2491	11.77	1.3507	63.82	.5166	24.41	2.1164	100
19	60	.2664	12.56	1.3121	61.83	.5435	25.61	2.1220	100
20	60	.2370	10.91	1.3250	61.02	.6094	28.07	2.1714	100
21	55	.2637	12.18	1.3343	61.62	.5674	26.20	2.1654	100
22	60	.2589	12.58	1.2725	61.81	.5273	25.61	2.0587	100
23	55	.2084	9.31	1.3675	61.08	.6630	29.61	2.2389	100
24	60	.3571	15.20	1.4803	63.00	.5121	21.80	2.3495	100
25	60	.2518	10.61	1.5686	66.08	.5532	23.31	2.3736	100
26	55	.2725	12.26	1.4734	66.28	.4771	21.46	2.2230	100
27	60	.3346	14.40	1.4917	64.20	.4972	21.40	2.3235	100
28	58	.2239	10.71	1.4623	69.97	.4038	19.32	2.0900	100
29	60	.2799	11.89	1.5655	66.50	.5087	21.61	2.3541	100
30	66	.2998	12.65	1.3991	59.03	.6711	28.32	2.3700	100
31	55	.2720	12.42	1.4781	67.47	.4405	20.11	2.1906	100
32	56	.2484	11.43	1.5435	71.03	.3812	17.54	2.1731	100
33	56	.2342	10.62	1.5086	68.38	.4634	21.00	2.2062	100
34	56	.2413	10.45	1.5179	65.71	.5508	23.84	2.3100	100
35	56	.2342	10.33	1.5023	66.29	.5299	23.38	2.2664	100
36	55	.2571	10.78	1.5427	64.66	.5860	24.56	2.3858	100
37	58	.2207	9.22	1.5312	63.95	.6424	26.83	2.3943	100

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

DD.—ELEMENTS OF COST IN ONE BOX OF 28 BY 44, SINGLE STRENGTH.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Establishment number.	Materials.	Miscellaneous costs (shown in detail in subtable K).	Packing-box.	Labor.						Total of all cost.
				Blowing.	Flattening.	Gathering.	Cutting.	Packing.	Total.	
1	$0.1690	$0.0552	*a* $0.1500	$0.6250	$0.1550	$0.4063	$0.1375	*a* $0.0275	$1.3513	$2.3255
2	.2151	*b* .9920	(*b*)	.6250	.1550	.4062	.1375	.0264	1.3501	2.5572
3	.2529	.4608	.2700	.6250	.1563	.3862	.1375	.0113	1.3163	2.3000
4	.2647	.4248	.2700	.6250	.1563	.3862	.1375	.0150	1.3200	2.2795
5	.2789	.7845	.2580	.6250	.1563	.3862	.1375	.0333	1.3383	2.6597
6	.3319	.6805	.2720	.6250	.1538	.3862	.1375	.0250	1.3325	2.6169
7	.3027	.6347	.1500	.6350	.1600	.4300	.1300	.0200	1.3750	2.4624
8	.2352	.6058	.1500	.6350	.1600	.4300	.1300	.0200	1.3750	2.3660
9	.1706	*c* 1.0904	.1500	.6250	.1550	.4062	.1375	(*e*)	1.3237	2.7347
10	.2980	*c* .7230	.2500	.6350	.1590	.4275	.1325	(*e*)	1.3540	2.6250
11										
12										
13	.2616	*c,d* .6754	.3000	.6350	.1590	.4275	.1325	(*e*)	1.3540	2.5910
14	.2755	*c* .7040	.2500	.6350	.1590	.4275	.1325	(*e*)	1.3540	2.5835
15										
16	.2659	*c* .6757	.3000	.6350	.1590	.4275	.1325	(*e*)	1.3540	2.5956
17	.2761	*c* .7033	*a* .1700	.5625	.1406	.3656	.1250	(*e*)	1.1937	2.3431
18	.2491	*c* .6335	*a* .1700	.5625	.1406	.3656	.1250	(*e*)	1.1937	2.2463
19	.2664	*c* .6218	*a* .1700	.5625	.1406	.3656	.1250	(*e*)	1.1937	2.2519
20	.2370	*c* .7006	*a* .1700	.5625	.1406	.3656	.1250	(*e*)	1.1937	2.3013
21	.2637	*c* .6679	*a* .1700	.5625	.1406	.3656	.1250	(*e*)	1.1937	2.2953
22	.2589	*c* .5660	.1700	.5625	.1406	.3656	.1250	(*e*)	1.1937	2.1886
23	.2084	.7787	.1700	.5625	.1406	.3656	.1250	.0180	1.2117	2.3688
24	.3571	.6604	.1500	.6250	.1550	.4062	.1375	.0188	1.3425	2.5100
25	.2518	.7888	.1500	.6250	.1550	.4062	.1375	.0200	1.3437	2.5341
26	.2725	.6173	.1500	.6250	.1550	.4062	.1375	.0200	1.3437	2.3835
27	.3346	.5494	.2600	.6250	.1562	.3863	.1375	.0175	1.3225	2.4665
28	.2239	*e* .6741	(*e*)	.6250	.1562	.4063	.1375	(*e*)	1.3250	2.2230
29	.2799	*e* .8809	(*e*)	.6250	.1550	.4062	.1375	(*e*)	1.3237	2.4845
30	.2998	.6425	.2500	.6250	.1563	.3862	.1375	.0117	1.3167	2.5090
31	.2720	*e* .7253	(*e*)	.6250	.1550	.4062	.1375	(*e*)	1.3237	2.3210
32	.2484	*c* .5622	.1800	.6250	.1560	.4060	.1375	(*c*)	1.3245	2.3151
33	.2342	.5870	.1800	.6250	.1560	.4060	.1375	.0225	1.3470	2.3482
34	.2413	.5737	.3220	.6250	.1560	.4060	.1375	.0225	1.3470	2.4840
35	.2342	.6472	.1800	.6270	.1560	.4060	.1375	.0225	1.3490	2.4104
36	.2571	.7437	.1800	.6250	.1560	.4060	.1375	.0225	1.3470	2.5278
37	.2207	.6791	.3220	.6250	.1562	.4063	.1375	0225	1.3475	2.5693

a Calculated from best obtainable data.
b The expenditures for packing-box are inseparably combined with those for miscellaneous elements.
c The expenditures for packing labor are inseparably combined with those for miscellaneous elements.
d The expenditures for labor included with the above, amounting to $0.2497, are calculated from best obtainable data.
e The expenditures for packing-box and packing labor are inseparably combined with those for miscellaneous elements.

TABLE VII.—COST OF PRODUCTION OF WINDOW GLASS AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

EE.—SUMMARY OF COST OF ONE BOX OF 28 BY 44, SINGLE STRENGTH.

[This sub-table is based on sub-tables J, K, and DD, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to those sub-tables for such information as is furnished there.]

Establishment number.	Pounds per box.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
1	55	$0.1690	7.27	$1.7218	74.04	$0.4347	18.69	$2.3255	100
2	60	.2151	8.41	1.7211	67.30	.6210	24.29	2.5572	100
3	60	.2529	10.99	1.6509	71.78	.3962	17.23	2.3000	100
4	60	.2647	11.61	1.5164	66.52	.4984	21.87	2.2795	100
5	54	.2789	10.48	1.7319	65.12	.6489	24.40	2.6597	100
6	65	.3319	12.68	1.7525	66.97	.5325	20.35	2.6169	100
7	55	.3027	12.29	1.6809	68.26	.4788	19.45	2.4624	100
8	55	.2352	9.94	1.6503	69.75	.4805	20.31	2.3660	100
9	55	.1706	6.24	1.7842	65.24	.7799	28.52	2.7347	100
10	56	.2980	11.35	1.5983	60.89	.7287	27.76	2.6250	100
11									
12									
13	55	.2616	10.10	1.6037	61.89	.7257	28.01	2.5910	100
14	55	.2765	10.66	1.6358	63.32	.6722	26.02	2.5835	100
15									
16	55	.2659	10.24	1.6046	61.82	.7251	27.94	2.5956	100
17	55	.2761	11.78	1.4764	63.01	.5906	25.21	2.3431	100
18	60	.2491	11.09	1.4706	65.47	.5266	23.44	2.2463	100
19	60	.2664	11.83	1.4320	63.59	.5535	24.58	2.2519	100
20	60	.2370	10.30	1.4449	62.79	.6194	26.91	2.3013	100
21	55	.2637	11.49	1.4542	63.35	.5774	25.16	2.2953	100
22	60	.2589	11.83	1.3924	63.62	.5373	24.55	2.1886	100
23	55	.2084	8.80	1.4874	62.79	.6730	28.41	2.3688	100
24	60	.3571	14.23	1.6108	64.17	.5421	21.60	2.5100	100
25	60	.2518	9.94	1.6991	67.05	.5832	23.01	2.5341	100
26	55	.2725	11.43	1.6039	67.29	.5071	21.28	2.3835	100
27	60	.3346	13.57	1.6047	65.06	.5272	21.37	2.4665	100
28	58	.2239	10.07	1.5953	71.76	.4038	18.17	2.2230	100
29	60	.2799	11.27	1.6959	68.26	.5087	20.47	2.4845	100
30	66	.2998	11.95	1.5121	60.27	.6971	27.78	2.5090	100
31	55	.2720	11.72	1.6085	69.30	.4405	18.98	2.3210	100
32	56	.2484	10.73	1.6755	72.37	.3912	16.90	2.3151	100
33	56	.2342	9.97	1.6406	69.87	.4734	20.16	2.3482	100
34	56	.2413	9.71	1.6499	66.42	.5928	23.87	2.4840	100
35	56	.2342	9.72	1.6363	67.88	.5399	22.40	2.4104	100
36	55	.2571	10.17	1.6747	66.25	.5960	23.58	2.5278	100
37	58	.2207	8.59	1.6642	64.77	.6844	26.64	2.5693	100

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

FF.—ELEMENTS OF COST IN ONE BOX OF 32 BY 49, SINGLE STRENGTH.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Establishment number.	Materials.	Miscellaneous costs (shown in detail in subtable K).	Packing-box.	Labor.						Total of all cost.
				Blowing.	Flattening.	Gathering.	Cutting.	Packing.	Total.	
1	$0.1690	$0.6552	*a*$0.2000	$0.8750	$0.2175	$0.5397	$0.1375	*a*$0.0275	$1.7972	$2.8214
2	.2151	*b* .9920	(*b*)	.8750	.2175	.5398	.1375	.0264	1.7962	3.0033
3	.2529	.4608	.3430	.8750	.2188	.5687	.1375	.0113	1.8113	2.8680
4	.2617	.4248	.3430	.8750	.2187	.5688	.1375	.0150	1.8150	2.8475
5	.2789	.7845	.3300	.8750	.2187	.5688	.1375	.0333	1.8333	3.2267
6	.3319	.6805	.3450	.8750	.2187	.5688	.1375	.0250	1.8250	3.1824
7	.3027	.6347	.1500	.7200	.1800	.4850	.1300	.0200	1.5350	2.6224
8	.2352	.6058	.1500	.7200	.1800	.4850	.1300	.0200	1.5350	2.5260
9	.1706	*c* 1.0904	.2000	.8750	.2175	.5398	.1375	(*c*)	1.7698	3.2308
10										
11										
12										
13										
14	.2755	*c* .7040	.3000	.7200	.1800	.4850	.1325	(*c*)	1.5175	2.7970
15										
16										
17	.2761	*c* .7033	*a* .1900	.7875	.1968	.5118	.1250	(*c*)	1.6211	2.7905
18	.2491	*c* .6335	*a* .1900	.7875	.1968	.5118	.1250	(*c*)	1.6211	2.6937
19	.2664	*c* .6218	*a* .1900	.7875	.1968	.5118	.1250	(*c*)	1.6211	2.6993
20	.2370	*c* .7006	*a* .1900	.7875	.1968	.5118	.1250	(*c*)	1.6211	2.7487
21	.2637	*c* .6679	*a* .1900	.7875	.1968	.5118	.1250	(*c*)	1.6211	2.7427
22	.2589	*c* .5660	.1900	.7875	.1968	.5118	.1250	(*c*)	1.6211	2.6360
23	.2084	.7787	.1900	.7875	.1968	.5118	.1250	.0180	1.6391	2.8162
24	.3571	.6604	.2000	.8750	.2175	.5398	.1375	.0187	1.7885	3.0060
25	.2518	.7886	.2000	.8750	.2175	.5398	.1375	.0200	1.7898	3.0302
26	.2725	.6173	.2000	.8750	.2175	.5398	.1375	.0200	1.7898	2.8796
27	.3346	.5494	.3400	.8750	.2188	.5687	.1375	.0175	1.8175	3.0415
28	.2239	*d* .6741	(*d*)	.8750	.2188	.5687	.1375	(*d*)	1.8000	2.6980
29	.2799	*d* .8309	(*d*)	.8750	.2175	.5398	.1375	(*d*)	1.7698	2.9306
30	.2998	.6425	.3320	.8750	.2188	.5687	.1375	.0117	1.8117	3.0860
31	.2720	*d* .7253	(*d*)	.8750	.2175	.5398	.1375	(*d*)	1.7698	2.7671
32										
33	.2342	.5870	.2100	.8750	.2190	.5680	.1375	.0225	1.8220	2.8532
34	.2413	.5737	.4000	.8750	.2190	.5680	.1375	.0225	1.8220	3.0370
35	.2342	.6472	.2100	.8750	.2190	.5680	.1375	.0225	1.8220	2.9134
36	.2571	.7437	.2100	.8750	.2190	.5690	.1375	.0225	1.8230	3.0338
37	.2207	.6791	.4000	.8750	.2187	.5688	.1375	.0225	1.8225	3.1223

a Calculated from best obtainable data.
b The expenditures for packing-box are inseparably combined with those for miscellaneous elements.
c The expenditures for packing labor are inseparably combined with those for miscellaneous elements.
d The expenditures for packing-box and packing labor are inseparably combined with those for miscellaneous elements.

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

GG.—SUMMARY OF COST OF ONE BOX OF 32 BY 49, SINGLE STRENGTH.

[This sub-table is based on sub-tables J, K, and FF, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to those sub-tables for such information as is furnished there.]

Establishment number.	Pounds per box.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
1	55	$0.1690	5.99	$2.1677	76.83	$0.4847	17.18	$2.8214	100
2	60	.2151	7.16	2.1672	72.16	.6210	20.68	3.0033	100
3	60	.2529	8.82	2.1459	74.82	.4692	16.36	2.8680	100
4	60	.2647	9.29	2.0114	70.64	.5714	20.07	2.8475	100
5	54	.2789	8.64	2.2269	69.02	.7209	22.34	3.2267	100
6	65	.3319	10.43	2.2450	70.54	.6055	19.03	3.1824	100
7	55	.3027	11.54	1.8409	70.20	.4788	18.26	2.6224	100
8	55	.2352	9.31	1.8103	71.67	.4805	19.02	2.5260	100
9	55	.1706	5.28	2.2303	69.03	.8299	25.69	3.2308	100
10									
11									
12									
13									
14	55	.2755	9.85	1.7993	64.33	.7222	25.82	2.7970	100
15									
16									
17	55	.2761	9.89	1.9038	68.23	.6106	21.88	2.7905	100
18	60	.2491	9.25	1.8980	70.46	.5466	20.29	2.6937	100
19	60	.2664	9.87	1.8594	68.88	.5735	21.25	2.6993	100
20	60	.2370	8.62	1.8723	68.12	.6394	23.26	2.7487	100
21	55	.2637	9.62	1.8816	68.60	.5974	21.78	2.7427	100
22	60	.2589	9.82	1.8198	69.04	.5573	21.14	2.6360	100
23	55	.2084	7.40	1.9148	67.99	.6930	24.61	2.8162	100
24	60	.3571	11.88	2.0568	68.42	.5921	19.70	3.0060	100
25	60	.2518	8.31	2.1452	70.79	.6332	20.90	3.0302	100
26	55	.2725	9.46	2.0500	71.19	.5571	19.35	2.8796	100
27	60	.3346	11.00	2.0997	69.04	.6072	19.96	3.0415	100
28	58	.2239	8.30	2.0703	76.73	.4038	14.97	2.6980	100
29	60	.2799	9.55	2.1420	73.09	.5087	17.36	2.9306	100
30	66	.2998	9.71	2.0071	65.04	.7791	25.25	3.0860	100
31	55	.2720	9.83	2.0546	74.25	.4405	15.92	2.7671	100
32									
33	56	.2342	8.21	2.1156	74.15	.5034	17.64	2.8532	100
34	56	.2413	7.94	2.1249	69.97	.6708	22.09	3.0370	100
35	56	.2342	8.04	2.1093	72.40	.5699	19.56	2.9134	100
36	55	.2571	8.48	2.1507	70.89	.6260	20.63	3.0338	100
37	58	.2207	7.07	2.1392	68.51	.7624	24.42	3.1223	100

TABLE VII.—COST OF PRODUCTION OF WINDOW GLASS AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

III.—ELEMENTS OF COST IN ONE BOX OF 12 BY 18, DOUBLE STRENGTH.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Establishment number.	Materials.	Miscellaneous costs (shown in detail in subtable N).	Packing-box.	Labor.						Total of all cost.
				Blowing.	Flattening.	Gathering.	Cutting.	Packing.	Total.	
1	$0.2612	$1.0126	a$0.0800	$0.3500	$0.0875	$0.1925	$0.2000	a$0.0275	$0.8575	$2.2113
2	.3227	b 1.4880	(b)	.3500	.0875	.1925	.2000	.0264	.8564	2.6671
3	.3793	.6912	.0800	.3500	.0875	.1925	.2000	.0113	.8413	1.9918
4	.3971	.6371	.0800	.3500	.0875	.1925	.2000	.0150	.8450	1.9592
5	.4132	1.1623	.0700	.3500	.0875	.1925	.2000	.0333	.8633	2.5088
6	.4085	.8375	0820	.3500	.0875	.1925	.2000	.0250	.8550	2.1830
7	.4403	.9232	.0600	.5000	.1250	.2900	.2000	.0200	1.1350	2.5585
8	.3422	.8811	.0600	.5000	.1250	.2900	.2000	.0200	1.1350	2.4183
9	.2543	c 1.6257	.1000	.3500	.0875	.1925	.2000	(c)	.8300	2.8100
10	.4364	c 1.0586	.1200	.5050	.1250	.2875	.2000	(c)	1.1175	2.7325
11	.3536	.7871	.0850	.5050	.1250	.2875	.2000	.0150	1.1325	2.3582
12	.4439	c .9151	.1000	.5000	.1250	.2875	.2000	(c)	1.1125	2.5715
13	.4042	c,d 1.0439	.1200	.5050	.1250	.2875	.2000	(c)	1.1175	2.6856
14	.4257	c 1.0882	.1000	.5000	.1250	.2875	.2000	(c)	1.1125	2.7264
15	.4684	c 1.0016	.0900	.5050	.1250	.2875	.2000	(c)	1.1175	2.6775
16	.3868	c .9828	.1200	.5050	.1250	.2825	.2000	(c)	1.1125	2.6021
17	.4519	c 1.1508	a .0700	3150	.0787	.1732	.1800	(c)	.7469	2.4196
18	.3736	c .9503	a .0700	.3150	.0787	.1732	.1800	(c)	.7469	2.1408
19	.3096	c .9327	a .0700	.3150	.0787	.1732	.1800	(c)	.7469	2.1492
20	.3555	c 1.0509	a .0700	.3150	.0787	.1732	.1800	(c)	.7469	2.2233
21	.4315	c 1.0930	a .0700	.3150	.0787	.1732	.1800	(c)	.7469	2.3414
22	.3884	c .8490	.0700	.3150	.0787	.1732	.1800	(c)	.7469	2.0543
23	.3410	1.2742	.0700	.3150	.0787	.1732	.1800	.0180	.7649	2.4501
24	.5059	.9355	.0900	.3500	.0875	.1975	.2000	.0188	.8538	2.3852
25	.3567	1.1172	.0800	.3500	.0875	.1925	.2000	.0200	.8500	2.4039
26	.4212	.9540	.0900	.3500	.0875	.1925	.2000	.0200	.8500	2.3152
27	.4740	.7783	.0750	.3500	.0875	.1925	.2000	.0175	.8475	2.1748
28	.3280	e .9880	(e)	.3500	.0875	.1925	.2000	(e)	.8300	2.1460
29	.4199	e 1.3214	(e)	.3500	.0875	.1925	.2000	(e)	.8300	2.5713
30	.3702	.7934	.0700	.3500	.0875	.1925	.2000	.0117	.8417	2.0753
31	.4203	e 1.1210	(e)	.3500	.0875	.1925	.2000	(e)	.8300	2.3713
32	.3770	c .8533	.0800	.3500	.0870	.1920	.2000	(c)	.8290	2.1393
33	.3555	.8910	.0800	.3500	.0870	.1920	.2000	.0225	.8515	2.1780
34	.3663	.8707	.0840	.3500	.0870	.1920	.2000	.0225	.8515	2.1725
35	.3555	.9824	.0800	.3500	.0870	.1920	.2000	.0325	.8615	2.2794
36	.3739	1.0817	.0800	.3500	.0880	.1930	.2000	.0225	.8535	2.3891
37	.3234	.9952	.0840	.3500	.0875	.1925	.2000	.0225	.8525	2.2551

a Calculated from best obtainable data.
b The expenditures for packing-box are inseparably combined with those for miscellaneous elements.
c The expenditures for packing labor are inseparably combined with those for miscellaneous elements.
d The expenditures for labor included with the above, amounting to $0.3859, are calculated from best obtainable data.
e The expenditures for packing-box and packing labor are inseparably combined with those for miscellaneous elements.

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

JJ.—SUMMARY OF COST OF ONE BOX OF 12 BY 18, DOUBLE STRENGTH.

[This sub-table is based on sub-tables M, N, and HH, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to those sub-tables for such information as is furnished there.]

Establishment number.	Pounds per box.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
1	85	$0.2612	11.81	$1.4302	64.68	$0.5199	23.51	$2.2113	100
2	90	.3227	12.10	1.4130	52.98	.9314	34.92	2.6671	100
3	90	.3793	19.04	1.3432	67.44	.2693	13.52	1.9918	100
4	90	.3971	20.27	1.1395	58.16	.4226	21.57	1.9592	100
5	80	.4132	16.47	1.4465	57.66	.6491	25.87	2.5088	100
6	80	.4085	18.71	1.3719	62.85	.4026	18.44	2.1830	100
7	80	.4403	17.21	1.5799	61.75	.5383	21.04	2.5585	100
8	80	.3422	14.15	1.5354	63.49	.5407	22.36	2.4183	100
9	82	.2543	9.05	1.5166	53.97	1.0391	36.98	2.8100	100
10	82	.4364	15.97	1.4752	53.99	.8209	30.04	2.7325	100
11	81	.3536	14.99	1.4552	61.71	.5494	23.30	2.3582	100
12	85	.4439	17.26	1.5129	58.83	.6147	23.91	2.5715	100
13	85	.4042	15.05	1.5034	55.98	.7780	28.97	2.6856	100
14	85	.4257	15.61	1.5481	56.78	.7526	27.61	2.7264	100
15	85	.4684	17.49	1.5191	56.74	.6900	25.77	2.6775	100
16	80	.3868	14.87	1.4770	56.76	.7383	28.37	2.6021	100
17	90	.4519	18.68	1.2095	49.99	.7582	31.33	2.4196	100
18	90	.3736	17.45	1.1623	54.29	.6049	28.26	2.1408	100
19	90	.3996	18.59	1.1043	51.38	.6453	30.03	2.1492	100
20	90	.3555	15.99	1.1236	50.54	.7442	33.47	2.2233	100
21	90	.4315	18.43	1.1733	50.11	.7366	31.46	2.3414	100
22	90	.3884	18.91	1.0450	50.87	.6209	30.22	2.0543	100
23	90	.3410	13.92	1.2161	49.63	.8930	36.45	2.4501	100
24	85	.5059	21.21	1.2338	51.73	.6455	27.06	2.3852	100
25	85	.3567	14.84	1.3535	56.30	.6937	28.86	2.4039	100
26	85	.4212	18.19	1.2521	54.08	.6419	27.73	2.3152	100
27	85	.4740	21.80	1.2473	57.35	.4535	20.85	2.1748	100
28	85	.3280	15.28	1.2262	57.14	.5918	27.58	2.1460	100
29	90	.4199	16.33	1.3884	54.00	.7630	29.67	2.5713	100
30	81½	.3702	17.84	1.0830	52.18	.6221	29.98	2.0753	100
31	85	.4203	17.72	1.2702	53.57	.6808	28.71	2.3713	100
32	85	.3770	17.62	1.3617	63.65	.4006	18.73	2.1393	100
33	85	.3555	16.32	1.2972	59.56	.5253	24.12	2.1780	100
34	85	.3663	16.86	1.3112	60.35	.4950	22.79	2.1725	100
35	85	.3555	15.59	1.2976	56.93	.6263	27.48	2.2794	100
36	80	.3739	15.65	1.3301	55.67	.6851	28.68	2.3891	100
37	85	.3234	14.34	1.3166	58.38	.6151	27.28	2.2551	100

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

KK.—ELEMENTS OF COST IN ONE BOX OF 16 BY 24, DOUBLE STRENGTH.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Establishment number.	Materials.	Miscellaneous costs (shown in detail in subtable N).	Packing-box.	Labor.						Total of all cost.
				Blowing.	Flattening.	Gathering.	Cutting.	Packing.	Total.	
1	$0.2612	$1.0126	*a* $0.1000	$0.5500	$0.1375	$0.3025	$0.2000	*a* $0.0275	$1.2175	$2.5913
2	.3227	*b* 1.4880	(*b*)	.5500	.1375	.3025	.2000	.0264	1.2164	3.0271
3	.3793	.6912	.1050	.5500	.1375	.3025	.2000	.0113	1.2013	2.3768
4	.3971	.6371	.1050	.5500	.1375	.3025	.2000	.0150	1.2050	2.3442
5	.4132	1.1623	.0960	.5500	.1375	.3025	.2000	.0333	1.2233	2.8948
6	.4085	.8375	.1050	.5500	.1375	.3025	.2000	.0250	1.2150	2.5660
7	.4403	.9232	.0700	.6750	.1700	.2900	.2000	.0200	1.3550	2.7885
8	.3422	.8811	.0700	.6750	.1700	.2900	.2000	(*e*)	1.1900	3.1700
9	.2543	*c* 1.6257	.1000	.5500	.1375	.3025	.2000	(*e*)	1.4325	3.0775
10	.4364	*c* 1.0586	.1500	.6750	.1700	.3875	.2000	(*e*)	1.4325	3.0775
11	.3536	.7871	.0950	.6750	.1700	.3875	.2000	.0150	1.4475	2.6832
12	.4439	*c* .9151	.1300	.6750	.1700	.3875	.2000	(*e*)	1.4325	2.9215
13	.4042	*c*, *d* 1.0439	.1500	.6750	.1700	.3875	.2000	(*e*)	1.4325	3.0306
14	.4257	*c* 1.0882	.1300	.6750	.1700	.3875	.2000	(*e*)	1.4325	3.0764
15	.4684	*c* 1.0016	.1100	.6750	.1700	.3875	.2000	(*e*)	1.4325	3.0125
16	.3868	*c* .9828	.1500	.6750	.1700	.3875	.2000	(*e*)	1.4325	2.9521
17	.4519	*c* 1.1508	*a* .1000	.4950	.1238	.2722	.1800	(*e*)	1.0710	2.7737
18	.3736	*c* .9503	*a* .1000	.4950	.1123	.2722	.1800	(*e*)	1.0595	2.4834
19	.3996	*c* .9327	*a* .1000	.4950	.1238	.2722	.1800	(*e*)	1.0710	2.5033
20	.3555	*c* 1.0509	*a* .1000	.4950	.1238	.2722	.1800	(*e*)	1.0710	2.5774
21	.4315	*c* 1.0930	*a* .1000	.4950	.1238	.2722	.1800	(*e*)	1.0710	2.6955
22	.3884	*c* .8490	.1000	.4950	.1238	.2722	.1800	(*e*)	1.0710	2.4084
23	.3410	1.2742	.1000	.4950	.1238	.2722	.1800	.0180	1.0890	2.8042
24	.5059	.9355	.1000	.5500	.1375	.3025	.2000	.0187	1.2087	2.7501
25	.3567	1.1172	.0900	.5500	.1375	.3025	.2000	.0200	1.2100	2.7739
26	.4212	.9540	.1000	.5500	.1375	.3025	.2000	.0200	1.2100	2.6852
27	.4740	.7783	.0980	.5500	.1375	.3025	.2000	.0175	1.2075	2.5578
28	.3280	*e* .9880	(*e*)	.5500	.1375	.3025	.2000	(*e*)	1.1900	2.5060
29	.4199	*e* 1.3214	(*e*)	.5500	.1375	.3025	.2000	(*e*)	1.1900	2.9313
30	.3702	.7934	.0930	.5500	.1375	.3025	.2000	.0117	1.2017	2.4583
31	.4203	*e* 1.1210	(*e*)	.5500	.1375	.3025	.2000	(*e*)	1.1900	2.7313
32	.3770	*c* .8533	.1150	.5500	.1370	.3020	.2000	(*c*)	1.1890	2.5343
33	.3555	.8910	.1150	.5500	.1370	.3020	.2000	.0225	1.2115	2.5730
34	.3663	.8707	.1260	.5500	.1370	.3020	.2000	.0225	1.2115	2.5745
35	.3555	.9824	.1150	.5500	.1370	.3020	.2000	.0325	1.2215	2.6744
36	.3739	1.0817	.1150	.5500	.1380	.3030	.2000	.0225	1.2135	2.7841
37	.3234	.9952	.1260	.5500	.1375	.3025	.2000	.0225	1.2125	2.6571

a Calculated from best obtainable data.
b The expenditures for packing-box are inseparably combined with those for miscellaneous elements.
c The expenditures for packing labor are inseparably combined with those for miscellaneous elements.
d The expenditures for labor included with the above, amounting to $0.3859, are calculated from best obtainable data.
e The expenditures for packing-box and packing labor are inseparably combined with those for miscellaneous elements.

TABLE VII.—COST OF PRODUCTION OF WINDOW GLASS AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

LL.—SUMMARY OF COST OF ONE BOX OF 16 BY 24, DOUBLE STRENGTH.

[This sub-table is based on sub-tables M, N, and KK, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to those sub-tables for such information as is furnished there.]

Establishment number.	Pounds per box.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
1	85	$0.2612	10.08	$1.7902	69.08	$0.5399	20.84	$2.5913	100
2	90	.3227	10.66	1.7730	58.57	.9314	30.77	3.0271	100
3	90	.3793	15.96	1.7032	71.66	.2943	12.38	2.3768	100
4	90	.3971	16.94	1.4995	63.97	.4476	19.09	2.3442	100
5	80	.4132	14.27	1.8065	62.41	.6751	23.32	2.8948	100
6	80	.4085	15.92	1.7319	67.49	.4256	16.59	2.5660	100
7	80	.4403	15.79	1.7999	64.55	.5483	19.66	2.7885	100
8	80	.3422	12.92	1.7554	66.28	.5507	20.80	2.6483	100
9	82	.2543	8.02	1.8766	59.20	1.0391	32.78	3.1700	100
10	82	.4364	14.18	1.7902	58.17	.8509	27.65	3.0775	100
11	81	.3536	13.18	1.7702	65.97	.5594	20.85	2.6832	100
12	85	.4439	15.19	1.8329	62.74	.6447	22.07	2.9215	100
13	85	.4042	13.34	1.8184	60.00	.8080	26.66	3.0306	100
14	85	.4257	13.84	1.8681	60.72	.7826	25.44	3.0764	100
15	85	.4684	15.55	1.8341	60.88	.7100	23.57	3.0125	100
16	80	.3868	13.10	1.7970	60.87	.7683	26.03	2.9521	100
17	90	.4519	16.29	1.5336	55.29	.7882	28.42	2.7737	100
18	90	.3736	15.04	1.4749	59.39	.6349	25.57	2.4834	100
19	90	.3996	15.96	1.4284	57.06	.6753	26.98	2.5033	100
20	90	.3555	13.79	1.4477	56.17	.7742	30.04	2.5774	100
21	90	.4315	16.01	1.4974	55.55	.7666	28.44	2.6955	100
22	90	.3884	16.13	1.3691	56.85	.6509	27.02	2.4084	100
23	90	.3410	12.16	1.5402	54.92	.9230	32.92	2.8042	100
24	85	.5059	18.40	1.5887	57.77	.6555	23.83	2.7501	100
25	85	.3567	12.86	1.7135	61.77	.7037	25.37	2.7739	100
26	85	.4212	15.68	1.6121	60.04	.6519	24.28	2.6852	100
27	85	.4740	18.53	1.6073	62.84	.4765	18.63	2.5578	100
28	85	.3280	13.09	1.5862	63.30	.5918	23.61	2.5060	100
29	90	.4199	14.32	1.7484	59.65	.7630	26.03	2.9313	100
30	81½	.3702	15.06	1.4430	58.70	.6451	26.24	2.4583	100
31	85	.4203	15.39	1.6302	59.69	.6808	24.92	2.7313	100
32	85	.3770	14.87	1.7217	67.94	.4356	17.19	2.5343	100
33	85	.3555	13.82	1.6572	64.41	.5603	21.77	2.5730	100
34	85	.3663	14.23	1.6712	64.91	.5370	20.86	2.5745	100
35	85	.3555	13.29	1.6576	61.98	.6613	24.73	2.6744	100
36	80	.3739	13.43	1.6901	60.71	.7201	25.86	2.7841	100
37	85	.3234	12.17	1.6766	63.10	.6571	24.73	2.6571	100

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

M M.—ELEMENTS OF COST IN ONE BOX OF 24 BY 36, DOUBLE STRENGTH.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Establishment number.	Materials.	Miscellaneous costs (shown in detail in subtable N).	Packing-box.	Labor.						Total of all cost.
				Blowing.	Flattening.	Gathering.	Cutting.	Packing.	Total.	
1	$0.2612	$1.0126	*a* $0.1200	$0.8500	$0.2125	$0.4675	$0.2000	*a* $0.0275	$1.7575	$3.1513
2	.3227	*b* 1.4880	(*b*)	.8500	.2125	.4675	.2000	.0264	1.7564	3.5671
3	.3793	.6912	.1900	.8500	.2125	.4675	.2000	.0113	1.7413	3.0018
4	.3971	.6371	.1900	.8500	.2125	.4675	.2000	.0150	1.7450	2.9692
5	.4132	1.1623	.1800	.8500	.2125	.4675	.2000	.0333	1.7633	3.5188
6	.4085	.8375	.1920	.8500	.2125	.4675	.2000	.0250	1.7550	3.1930
7	.4403	.9232	.1000	.7550	.1900	.4350	.2000	.0200	1.6000	3.0635
8	.3422	.8811	.1000	.7550	.1900	.4350	.2000	.0200	1.6000	2.9233
9	.2543	*c* 1.6257	.1200	.8500	.2125	.4675	.2000	(*c*)	1.7300	3.7300
10	.4364	*c* 1.0586	.2000	.7550	.1900	.4350	.2000	(*c*)	1.5800	3.2750
11	.3536	.7871	.1200	.7550	.1900	.4350	.2000	.0150	1.5950	2.8557
12	.4439	*c* .9151	.1800	.7550	.1900	.4350	.2000	(*c*)	1.5800	3.1190
13	.4042	*c,d* 1.0439	.2200	.7550	.1900	.4350	.2000	(*c*)	1.5800	3.2481
14	.4257	*c* 1.0832	.1800	.7550	.1900	.4350	.2000	(*c*)	1.5800	3.2739
15	.4684	*c* 1.0016	.1800	.7550	.1900	.4350	.2000	(*c*)	1.5800	3.2300
16	.3868	*c* .9828	.2200	.7550	.1900	.4350	.2000	(*c*)	1.5800	3.1696
17	.4519	*c* 1.1508	*a* .1500	.7650	.1912	.4207	.1800	(*c*)	1.5569	3.3096
18	.3736	*c* .9593	*a* .1500	.7650	.1912	.4207	.1800	(*c*)	1.5569	3.0308
19	.3936	*c* .9327	*a* .1500	.7650	.1912	.4207	.1800	(*c*)	1.5569	3.0392
20	.3555	*c* 1.0509	*a* .1500	.7650	.1912	.4207	.1800	(*c*)	1.5569	3.1133
21	.4315	*c* 1.0930	*a* .1500	.7650	.1912	.4207	.1800	(*c*)	1.5569	3.2314
22	.3884	*c* .8490	.1500	.7650	.1912	.4207	.1800	(*c*)	1.5569	2.9443
23	.3410	1.2742	.1500	.7650	.1912	.4207	.1800	.0180	1.5749	3.3401
24	.5059	.9355	.1100	.8500	.2125	.4675	.2000	.0188	1.7488	3.3002
25	.3667	1.1172	.1000	.8500	.2125	.4675	.2000	.0200	1.7500	3.3239
26	.4212	.9540	.1100	.8500	.2125	.4675	.2000	.0200	1.7500	3.2352
27	.4740	.7783	.1800	.8500	.2125	.4675	.2000	.0175	1.7475	3.1798
28	.3280	*e* .9880	(*e*)	.8500	.2125	.4675	.2000	(*e*)	1.7300	3.0460
29	.4199	*e* 1.3214	(*e*)	.8500	.2125	.4675	.2000	(*e*)	1.7300	3.4713
30	.3702	.7934	.1750	.8500	.2125	.4675	.2000	.0117	1.7417	3.0803
31	.4203	*e* 1.1210	(*e*)	.8500	.2125	.4675	.2000	(*e*)	1.7300	3.2713
32	.3770	*c* .8533	.1600	.8500	.2120	.4670	.2000	(*c*)	1.7290	3.1193
33	.3555	.8910	.1600	.8500	.2120	.4670	.2000	.0225	1.7515	3.1580
34	.3663	.8707	.2380	.8500	.2120	.4670	.2000	.0225	1.7515	3.2265
35	.3535	.9824	.1600	.8500	.2120	.4670	.2000	.0325	1.7615	3.2594
36	.3739	1.0817	.1600	.8500	.2130	.4680	.2000	.0225	1.7535	3.3691
37	.3234	.9952	.2380	.8500	.2125	.4675	.2000	.0225	1.7525	3.3091

a Calculated from best obtainable data.
b The expenditures for packing-box are inseparably combined with those for miscellaneous elements.
c The expenditures for packing labor are inseparably combined with those for miscellaneous elements.
d The expenditures for labor included with the above, amounting to $0.3859, are calculated from best obtainable data.
e The expenditures for packing-box and packing labor are inseparably combined with those for miscellaneous elements.

TABLE VII.—COST OF PRODUCTION OF WINDOW GLASS AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

NN.—SUMMARY OF COST OF ONE BOX OF 24 BY 36, DOUBLE STRENGTH.

[This sub-table is based on sub-tables M, N, and MM, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to those sub-tables for such information as is furnished there.]

Establishment number.	Pounds per box.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
1	85	$0.2612	8.29	$2.3302	73.94	$0.5599	17.77	$3.1513	100
2	90	.3227	9.05	2.3130	64.84	.9314	26.11	3.5671	100
3	90	.3793	12.64	2.2432	74.73	.3793	12.63	3.0018	100
4	90	.3971	11.37	2.0395	68.69	.5326	17.94	2.9692	100
5	80	.4132	11.74	2.3465	66.69	.7591	21.57	3.5188	100
6	80	.4085	12.79	2.2719	71.15	.5126	16.06	3.1930	100
7	80	.4403	14.37	2.0449	66.75	.5783	18.88	3.0635	100
8	80	.3422	11.71	2.0004	68.43	.5807	19.86	2.9233	100
9	82	.2543	6.82	2.4166	64.79	1.0591	28.39	3.7300	100
10	82	.4364	13.32	1.9377	59.17	.9009	27.51	3.2750	100
11	81	.3536	12.38	1.9177	67.15	.5844	20.47	2.8557	100
12	85	.4439	14.23	1.9804	63.50	.6947	22.27	3.1190	100
13	85	.4042	12.44	1.9659	60.53	.8780	27.03	3.2481	100
14	85	.4257	13.00	2.0156	61.57	.8326	25.43	3.2739	100
15	85	.4684	14.50	1.9816	61.35	.7800	24.15	3.2300	100
16	80	.3868	12.20	1.9445	61.35	.8383	26.45	3.1696	100
17	90	.4519	13.65	2.0195	61.02	.8382	25.33	3.3096	100
18	90	.3736	12.33	1.9723	65.07	.6849	22.60	3.0308	100
19	90	.3996	13.15	1.9143	62.99	.7253	23.86	3.0392	100
20	90	.3555	11.42	1.9336	62.11	.8242	26.47	3.1133	100
21	90	.4315	13.35	1.9833	61.38	.8166	25.27	3.2314	100
22	90	.3884	13.19	1.8550	63.00	.7009	23.81	2.9443	100
23	90	.3410	10.21	2.0261	60.66	.9730	29.13	3.3401	100
24	85	.5059	15.33	2.1288	64.50	.6655	20.17	3.3002	100
25	85	.3567	10.73	2.2535	67.80	.7137	21.47	3.3239	100
26	85	.4212	13.02	2.1521	66.52	.6619	20.46	3.2352	100
27	85	.4740	14.91	2.1473	67.53	.5585	17.56	3.1798	100
28	96	.3280	10.77	2.1262	69.80	.5918	19.43	3.0460	100
29	90	.4199	12.10	2.2884	65.92	.7630	21.98	3.4713	100
30	81½	.3702	12.02	1.9830	64.38	.7271	23.60	3.0803	100
31	85	.4203	12.85	2.1702	66.34	.6808	20.81	3.2713	100
32	85	.3770	12.08	2.2617	72.51	.4806	15.41	3.1193	100
33	85	.3555	11.26	2.1972	69.57	.6053	19.17	3.1580	100
34	85	.3663	11.35	2.2112	68.53	.6490	20.12	3.2265	100
35	85	.3555	10.91	2.1976	67.42	.7063	21.67	3.2594	100
36	80	.3739	11.10	2.2301	66.19	.7651	22.71	3.3691	100
37	85	.3234	9.77	2.2166	66.99	.7691	23.24	3.3091	100

TABLE VII.—COST OF PRODUCTION OF WINDOW GLASS AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

OO.—ELEMENTS OF COST IN ONE BOX OF 30 BY 41, DOUBLE STRENGTH.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Establishment number.	Materials.	Miscellaneous costs (shown in detail in subtable N).	Packing-box.	Labor.						Total of all cost.
				Blowing.	Flattening.	Gathering.	Cutting.	Packing.	Total.	
1	$0.2612	$1.0126	a$0.1500	$0.9650	$0.2412	$0.5308	$0.2000	a$0.0275	$1.9645	$3.3883
2	.3227	b 1.4880	(b)	.9650	.2413	.5307	.2000	.0264	1.9634	3.7741
3	.3793	.6912	.2650	.9650	.2413	.5307	.2000	.0113	1.9483	3.2838
4	.3971	.6371	.2650	.9650	.2413	.5375	.2000	.0150	1.9588	3.2580
5	.4132	1.1623	.2540	.9650	.2413	.5308	.2000	.0333	1.9704	3.7999
6	.4085	.8375	.2700	.9650	.2413	.5307	.2000	.0250	1.9620	3.4780
7	.4403	.9232	.1500	1.1100	.2800	.6400	.2000	.0200	2.2500	3.7635
8	.3422	.8811	.1500	1.1100	.2800	.6400	.2000	.0200	2.2500	3.6233
9	.2543	c 1.6257	.1600	.9650	.2413	.5307	.2000	(c)	1.9370	3.9770
10	.4364	c 1.0586	.2200	1.1100	.2800	.6375	.2000	(c)	2.2275	3.9425
11	.3536	.7871	.1450	1.1100	.2800	.6375	.2000	.0150	2.2425	3.5282
12	.4439	c .9151	.2500	1.1100	.2800	.6375	.2000	(c)	2.2275	3.8365
13	.4042	c,d 1.0439	.2600	1.1100	.2800	.6375	.2000	(c)	2.2275	3.9356
14	.4257	c 1.0882	.2500	1.1100	.2800	.6375	.2000	(c)	2.2275	3.9914
15	.4684	c 1.0016	.2600	1.1100	.2800	.6775	.2000	(c)	2.2675	3.9975
16	.3868	c .9828	.2600	1.1100	.2800	.6375	.2000	(c)	2.2275	3.8571
17	.4519	c 1.1508	a .1700	.8685	.2146	.4776	.1800	(c)	1.7407	3.5134
18	.3736	c .9503	a .1700	.8685	.2146	.4776	.1800	(c)	1.7407	3.2346
19	.3996	c .9327	a .1700	.8685	.2146	.4776	.1800	(c)	1.7407	3.2430
20	.3555	c 1.0509	a .1700	.8685	.2146	.4776	.1800	(c)	1.7407	3.3171
21	.4315	c 1.0930	a .1700	.8685	.2146	.4776	.1800	(c)	1.7407	3.4352
22	.3884	c .8490	.1700	.8685	.2146	.4776	.1800	(c)	1.7407	3.1481
23	.3410	1.2742	.1700	.8685	.2146	.4776	.1800	.0180	1.7587	3.5439
24	.5059	.9355	.1400	.9650	.2413	.5307	.2000	.0187	1.9557	3.5371
25	.3567	1.1172	.1500	.9650	.2413	.5307	.2000	.0200	1.9570	3.5809
26	.4212	.9540	.1800	.9650	.2413	.5307	.2000	.0200	1.9570	3.5122
27	.4740	.7783	.2780	.9650	.2413	.5307	.2000	.0175	1.9545	3.4848
28	.3280	e .9880	(e)	.9650	.2413	.5307	.2000	(e)	1.9370	3.2530
29	.4199	e 1.3214	(e)	.9650	.2412	.5308	.2000	(e)	1.9370	3.6783
30	.3702	.7934	.2750	.9650	.2413	.5307	.2000	.0117	1.9487	3.3873
31	.4203	e 1.1210	(e)	.9650	.2413	.5307	.2000	(e)	1.9370	3.4783
32	.3770	c .8533	.1800	.9650	.2410	.5310	.2000	(c)	1.9370	3.3473
33	.3555	.8910	.1800	.9650	.2410	.5310	.2000	.0225	1.9595	3.3860
34	.3663	.8707	.3360	.9650	.2410	.5310	.2000	.0225	1.9595	3.5325
35	.3555	.9824	.1800	.9650	.2410	.5310	.2000	.0325	1.9695	3.4874
36	.3739	1.0817	.1800	.9650	.2410	.5310	.2000	.0225	1.9595	3.5951
37	.3234	.9952	.3360	.9650	.2412	.5308	.2000	.0225	1.9595	3.6141

a Calculated from best obtainable data.
b The expenditures for packing-box are inseparably combined with those for miscellaneous elements.
c The expenditures for packing labor are inseparably combined with those for miscellaneous elements.
d The expenditures for labor included with the above, amounting to $0.3859, are calculated from best obtainable data.
e The expenditures for packing-box and packing labor are inseparably combined with those for miscellaneous elements.

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

PP.—SUMMARY OF COST OF ONE BOX OF 30 BY 41, DOUBLE STRENGTH.

[This sub-table is based on sub-tables M, N, and OO and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to those sub-tables for such information as is furnished there.]

Establishment number.	Pounds per box.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
1	85	$0.2612	7.71	$2.5372	74.88	$0.5899	17.41	$3.3883	100
2	90	.3227	8.55	2.5200	66.77	.9314	24.68	3.7741	100
3	90	.3793	11.55	2.4502	74.62	.4543	13.83	3.2838	100
4	90	.3971	12.19	2.2533	69.16	.6076	18.65	3.2580	100
5	80	.4132	10.87	2.5536	67.20	.8331	21.93	3.7999	100
6	80	.4085	11.75	2.4789	71.27	.5906	16.98	3.4780	100
7	80	.4403	11.70	2.6949	71.61	.6283	16.69	3.7635	100
8	80	.3422	9.44	2.6504	73.15	.6307	17.41	3.6233	100
9	82	.2543	6.39	2.6236	65.97	1.0991	27.64	3.9770	100
10	82	.4364	11.07	2.5852	65.57	.9209	23.36	3.9425	100
11	81	.3536	10.02	2.5652	72.71	.6094	17.27	3.5282	100
12	85	.4439	11.57	2.6279	68.50	.7647	19.93	3.8365	100
13	85	.4042	10.27	2.6134	66.40	.9180	23.33	3.9356	100
14	85	.4257	10.67	2.6631	66.72	.9026	22.61	3.9914	100
15	85	.4684	11.72	2.6691	66.77	.8600	21.51	3.9975	100
16	80	.3868	10.03	2.5920	67.20	.8783	22.77	3.8571	100
17	90	.4519	12.86	2.2033	62.71	.8582	24.43	3.5134	100
18	90	.3736	11.55	2.1561	66.66	.7049	21.79	3.2346	100
19	90	.3996	12.32	2.0981	64.70	.7453	22.98	3.2430	100
20	90	.3555	10.72	2.1174	63.83	.8442	25.45	3.3171	100
21	90	.4315	12.56	2.1671	63.09	.8366	24.35	3.4352	100
22	90	.3884	12.34	2.0388	64.76	.7209	22.90	3.1481	100
23	90	.3410	9.62	2.2099	62.36	.9930	28.02	3.5439	100
24	85	.5059	14.30	2.3357	66.04	.6955	19.66	3.5371	100
25	85	.3567	9.96	2.4605	68.71	.7637	21.33	3.5809	100
26	85	.4212	11.99	2.3591	67.17	.7319	20.84	3.5122	100
27	85	.4740	13.60	2.3543	67.56	.6565	18.84	3.4848	100
28	85	.3280	10.08	2.3332	71.73	.5918	18.19	3.2530	100
29	90	.4199	11.42	2.4954	67.84	.7630	20.74	3.6783	100
30	81½	.3702	10.93	2.1900	64.65	.8271	24.42	3.3873	100
31	85	.4203	12.08	2.3772	68.35	.6808	19.57	3.4783	100
32	85	.3770	11.26	2.4697	73.78	.5006	14.96	3.3473	100
33	85	.3555	10.50	2.4052	71.03	.6253	18.47	3.3860	100
34	85	.3663	10.37	2.4192	68.48	.7470	21.15	3.5325	100
35	85	.3555	10.19	2.4056	68.98	.7263	20.83	3.4874	100
36	80	.3739	10.40	2.4361	67.76	.7851	21.84	3.5951	100
37	85	.3234	8.95	2.4236	67.06	.8671	23.99	3.6141	100

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

QQ.—ELEMENTS OF COST IN ONE BOX OF 36 BY 51, DOUBLE STRENGTH.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Establishment number.	Materials.	Miscellaneous costs (shown in detail in subtable N).	Packing-box.	Labor.						Total of all cost.
				Blowing.	Flattening.	Gathering.	Cutting.	Packing.	Total.	
1	$0.2612	$1.0126	a$0.2200	$1.3000	$0.3250	$0.7150	$0.2000	a$0.0275	$2.5675	$4.0613
2	.3227	b 1.4880	(b)	1.3000	.3250	.7150	.2000	.0264	2.5664	4.3771
3	.3763	.6912	.3820	1.3000	.3250	.7150	.2000	.0113	2.5513	4.0038
4	.3971	.6371	.3820	1.3000	.3250	.7150	.2000	.0150	2.5550	3.9712
5	.4132	1.1623	.3600	1.3000	.3250	.7150	.2000	.0333	2.5733	4.5088
6	.4085	.8375	.3850	1.3000	.3250	.7150	.2000	.0250	2.5650	4.1960
7	.4403	.9232	.1600	1.2600	.3150	.7200	.2000	.0200	2.5150	4.0385
8	.3422	.8811	.1500	1.2600	.3150	.7200	.2000	.0200	2.5150	3.8883
9	.2543	c 1.6257	.2000	1.3000	.3250	.7150	.2000	(c)	2.5400	4.6200
10	.4364	c 1.0586	.3000	1.2600	.3150	.7250	.2000	(c)	2.5000	4.2950
11	.3536	.7871	.1550	1.2600	.3150	.7250	.2000	.0150	2.5150	3.8107
12	.4439	c .9151	.3500	1.2600	.3150	.7250	.2000	(c)	2.5000	4.2090
13	.4042	c,d1.0439	.3500	1.2600	.3150	.7250	.2000	(c)	2.5000	4.2981
14	.4257	c 1.0882	.3500	1.2600	.3150	.7250	.2000	(c)	2.5000	4.3639
15	.4684	c 1.0016	.3200	1.2600	.3150	.7250	.2000	(c)	2.5000	4.2900
16	.3868	c .9828	.3000	1.2600	.3150	.7250	.2000	(c)	2.5000	4.1696
17	.4519	c 1.1508	a .2000	1.1700	.2925	.6435	.1800	(c)	2.2860	4.0887
18	.3736	c .9503	a .2000	1.1700	.2925	.6435	.1800	(c)	2.2860	3.8099
19	.3996	c .9327	a .2000	1.1700	.2925	.6435	.1800	(c)	2.2860	3.8183
20	.3555	c 1.0509	a .2000	1.1700	.2925	.6435	.1800	(c)	2.2860	3.8924
21	.4315	c 1.0930	a .2000	1.1700	.2925	.6435	.1800	(c)	2.2860	4.0105
22	.3884	c .8490	.2000	1.1700	.2925	.6435	.1800	(c)	2.2860	3.7234
23	.3410	1.2742	.2000	1.1700	.2925	.6435	.1800	.0180	2.3040	4.1192
24	.5059	.9355	.1800	1.3000	.3250	.7150	.2000	.0188	2.5588	4.1802
25	.3567	1.1172	.2200	1.3000	.3250	.7150	.2000	.0200	2.5600	4.2539
26	.4212	.9540	.2000	1.3000	.3250	.7150	.2000	.0200	2.5600	4.1352
27	.4740	.7783	.3750	1.3000	.3250	.7150	.2000	.0175	2.5575	4.1848
28	.3280	e .9880	(e)	1.3000	.3250	.7150	.2000	(e)	2.5400	3.8560
29	.4199	e 1.3214	(e)	1.3000	.3250	.7150	.2000	(e)	2.5400	4.2813
30	.3702	.7934	.3700	1.3000	.3250	.7150	.2000	.0117	2.5517	4.0853
31	.4203	e 1.1210	(e)	1.3000	.3250	.7150	.2000	(e)	2.5400	4.0813
32	.3770	c .8533	.2200	1.3000	.3250	.7150	.2000	(c)	2.5400	3.9903
33	.3555	.8910	.2200	1.3000	.3250	.7150	.2000	.0225	2.5625	4.0290
34	.3663	.8707	.4760	1.3000	.3250	.7150	.2000	.0225	2.5625	4.2755
35	.3555	.9824	.2200	1.3000	.3250	.7150	.2000	.0325	2.5725	4.1304
36	.3733	1.0817	.2200	1.3000	.3250	.7150	.2000	.0225	2.5625	4.2381
37	.3234	.9952	.4760	1.3000	.3250	.7150	.2000	.0225	2.5625	4.3571

a Calculated from best obtainable data.
b The expenditures for packing-box are inseparably combined with those for miscellaneous elements.
c The expenditures for packing labor are inseparably combined with those for miscellaneous elements.
d The expenditures for labor included with the above, amounting to $0.3859, are calculated from best obtainable data.
e The expenditures for packing-box and packing labor are inseparably combined with those for miscellaneous elements.

TABLE VII.—COST OF PRODUCTION OF WINDOW GLASS AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

RR.—SUMMARY OF COST OF ONE BOX OF 36 BY 51, DOUBLE STRENGTH.

[This sub-table is based on sub-tables M, N, and QQ, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to those sub-tables for such information as is furnished there.]

Establishment number.	Pounds per box.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
1	85	$0.2612	6.43	$3.1402	77.32	$0.6599	16.25	$4.0613	100
2	90	.3227	7.37	3.1230	71.35	.9314	21.28	4.3771	100
3	90	.3793	9.47	3.0532	76.26	.5713	14.27	4.0038	100
4	90	.3971	10.00	2.8495	71.75	.7246	18.25	3.9712	100
5	80	.4132	9.16	3.1565	70.01	.9391	20.83	4.5088	100
6	80	.4085	9.73	3.0819	73.45	.7056	16.82	4.1960	100
7	80	.4403	10.90	2.9599	73.29	.6383	15.81	4.0385	100
8	80	.3422	8.80	2.9154	74.98	.6307	16.22	3.8883	100
9	82	.2543	5.50	3.2266	69.84	1.1391	24.66	4.6200	100
10	82	.4364	10.16	2.8577	66.54	1.0009	23.30	4.2950	100
11	81	.3536	9.28	2.8377	74.47	.6194	16.25	3.8107	100
12	85	.4439	10.55	2.9004	68.91	.8647	20.54	4.2090	100
13	85	.4042	9.41	2.8859	67.14	1.0080	23.45	4.2981	100
14	85	.4257	9.76	2.9356	67.27	1.0026	22.97	4.3639	100
15	85	.4684	10.92	2.9016	67.64	.9200	21.44	4.2900	100
16	80	.3868	9.28	2.8645	68.79	.9183	22.02	4.1696	100
17	90	.4519	11.05	2.7486	67.23	.8882	21.72	4.0887	100
18	90	.3736	9.81	2.7014	70.90	.7349	19.29	3.8099	100
19	90	.3996	10.47	2.6434	69.23	.7753	20.30	3.8183	100
20	90	.3555	9.13	2.6627	68.41	.8742	22.46	3.8924	100
21	90	.4315	10.76	2.7124	67.63	.8666	21.61	4.0105	100
22	90	.3884	10.43	2.5841	69.40	.7509	20.17	3.7234	100
23	90	.3410	8.28	2.7552	66.89	1.0230	24.83	4.1192	100
24	85	.5059	12.10	2.9388	70.30	.7355	17.60	4.1802	100
25	85	.3567	8.38	3.0635	72.02	.8337	19.60	4.2539	100
26	85	.4212	10.19	2.9621	71.63	.7519	18.18	4.1352	100
27	85	.4740	11.33	2.9573	70.67	.7535	18.00	4.1848	100
28	85	.3280	8.50	2.9362	76.15	.3918	15.35	3.8560	100
29	90	.4199	9.81	3.0984	72.37	.7630	17.82	4.2813	100
30	81½	.3702	9.06	2.7930	68.37	.9221	22.57	4.0853	100
31	85	.4203	10.30	2.9802	73.02	.6808	16.68	4.0813	100
32	85	.3770	9.45	3.0727	77.00	.5406	13.55	3.9903	100
33	85	.3555	8.82	3.0082	74.67	.6653	16.51	4.0290	100
34	85	.3663	8.57	3.0222	70.69	.8870	20.74	4.2755	100
35	85	.3555	8.61	3.0086	72.84	.7663	18.55	4.1304	100
36	80	.3739	8.82	3.0391	71.71	.8251	19.47	4.2381	100
37	85	.3234	7.42	3.0266	69.46	1.0071	23.12	4.3571	100

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

88.—ELEMENTS OF COST IN ONE BOX OF 39 BY 60, DOUBLE STRENGTH.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Establishment number.	Materials.	Miscellaneous costs (shown in detail in subtable N).	Packing-box.	Labor.						Total of all cost.
				Blowing.	Flattening.	Gathering.	Cutting.	Packing.	Total.	
1	$0.2612	$1.0126	*a* $0.2500	$1.5700	$0.3925	$0.8635	$0.2000	*a* $0.0275	$3.0535	$4.5773
2	.3227	*b* 1.4880	(*b*)	1.5700	.3925	.8635	.2000	.0264	3.0524	4.8631
3	.3793	.6912	.4900	1.5700	.3925	.8635	.2000	.0113	3.0373	4.5978
4	.3971	.6371	.4900	1.5700	.3925	.8635	.2000	.0150	3.0410	4.5652
5	.4132	1.1623	.4730	1.5700	.3925	.8635	.2000	.0333	3.0593	5.1078
6	.4085	.8375	.4930	1.5700	.3925	.8635	.2000	.0250	3.0510	4.7990
7	.4403	.9232	.2200	1.2600	.3150	.7200	.2000	.0200	2.5150	4.0985
8	.3422	.8811	.2300	1.2600	.3150	.7200	.2000	.0200	2.5150	3.9683
9	.2543	*c* 1.6257	.2500	1.5700	.3925	.8635	.2000	(*c*)	3.0260	5.1560
10	.4364	*c* 1.0586	.4000	1.2600	.3150	.7250	.2000	.0150	2.5150	3.8357
11	.3536	.7871	.1800	1.2600	.3150	.7250	.2000	(*c*)	2.5000	4.3090
12	.4439	*c*. 9151	.4500	1.2600	.3150	.7250	.2000	(*c*)	2.5000	4.3781
13	.4042	*c*,*d* 1.0439	.4300	1.2600	.3150	.7250	.2000	(*c*)	2.5000	4.3781
14	.4257	*c* 1.0882	.4500	1.2600	.3150	.7250	.2000	(*c*)	2.5000	4.4639
15										
16	.3868	*c*. 9828	.3500	1.2600	.3150	.7250	.2000	(*c*)	2.5000	4.2196
17	.4519	*c* 1.1508	*a*. 2400	1.4130	.3532	.7771	.1800	(*c*)	2.7233	4.5660
18	.3736	*c*. 9503	*a*. 2400	1.4130	.3532	.7771	.1800	(*c*)	2.7233	4.2872
19	.3996	*c*. 9327	*a*. 2400	1.4130	.3532	.7771	.1800	(*c*)	2.7233	4.2956
20	.3555	*c* 1.0509	*a*. 2400	1.4130	.3532	.7771	.1800	(*c*)	2.7233	4.3697
21	.4315	*c* 1.0930	*a*. 2400	1.4130	.3532	.7771	.1800	(*c*)	2.7233	4.4878
22	.3884	*c*. 8490	.2400	1.4130	.3532	.7771	.1800	(*c*)	2.7233	4.2007
23	.3410	1.2742	.2400	1.4130	.3532	.7771	.1800	.0180	2.7413	4.5965
24	.5059	.9355	.2200	1.5700	.3925	.8635	.2000	.0187	3.0447	4.7061
25	.3567	1.1172	.3000	1.5700	.3925	.8635	.2000	.0200	3.0460	4.8199
26	.4212	.9540	.2200	1.5700	.3925	.8635	.2000	.0200	3.0460	4.6412
27	.4740	.7783	.4800	1.5700	.3925	.8635	.2000	.0175	3.0435	4.7758
28	.3280	*e*. 9880	(*e*)	1.5700	.3925	.8635	.2000	(*e*)	3.0260	4.3420
29	.4199	*e* 1.3214	(*e*)	1.5700	.3925	.8635	.2000	(*e*)	3.0260	4.7673
30	.3702	.7934	.4750	1.5700	.3925	.8635	.2000	.0117	3.0377	4.6763
31	.4203	*e* 1.1210	(*e*)	1.5700	.3925	.8635	.2000	(*e*)	3.0260	4.5673
32	.3770	*c*. 8533	.2600	1.5700	.3920	.7630	.2000	(*c*)	2.9250	4.4153
33	.3555	.8910	.2600	1.5700	.3920	.7630	.2000	.0225	2.9475	4.4540
34	.3663	.8707	.5880	1.5700	.3920	.7630	.2000	.0225	2.9475	4.7725
35	.3555	.9824	.2600	1.5700	.3920	.7630	.2000	.0325	2.9575	4.5554
36	.3739	1.0817	.2600	1.5700	.3930	.8640	.2000	.0225	3.0495	4.7651
37	.3234	.9952	.5880	1.5700	.3925	.8635	.2000	.0225	3.0485	4.9551

a Calculated from best obtainable data.
b The expenditures for packing-box are inseparably combined with those for miscellaneous elements.
c The expenditures for packing labor are inseparably combined with those for miscellaneous elements.
d The expenditures for labor included with the above, amounting to $0.3859, are calculated from best obtainable data.
e The expenditures for packing-box and packing labor are inseparably combined with those for miscellaneous elements.

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

TT.—SUMMARY OF COST OF ONE BOX OF 39 BY 60, DOUBLE STRENGTH.

[This sub-table is based on sub-tables M, N, and SS, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to those sub-tables for such information as is furnished there.]

Establishment number.	Pounds per box.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
1	85	$0.2612	5.71	$3.6262	79.22	$0.6899	15.07	$4.5773	100
2	90	.3227	6.64	3.6090	74.21	.9314	19.15	4.8631	100
3	90	.3793	8.25	3.5392	76.98	.6793	14.77	4.5978	100
4	90	.3971	8.70	3.3355	73.06	.8326	18.24	4.5652	100
5	80	.4132	8.09	3.6425	71.31	1.0521	20.60	5.1078	100
6	80	.4085	8.53	3.5679	74.49	.8136	16.98	4.7900	100
7	80	.4403	10.74	2.9599	72.22	.6983	17.04	4.0985	100
8	80	.3422	8.62	2.9154	73.47	.7107	17.91	3.9683	100
9	82	.2543	4.93	3.7126	72.01	1.1891	23.06	5.1560	100
10	82	.4364	9.93	2.8577	65.02	1.1009	25.05	4.3950	100
11	81	.3536	9.22	2.8377	73.98	.6444	16.80	3.8357	100
12	85	.4439	10.30	2.9004	67.31	.9647	22.39	4.3090	100
13	85	.4042	9.23	2.8859	65.92	1.0880	24.85	4.3781	100
14	85	.4257	9.54	2.9356	65.76	1.1026	24.70	4.4639	100
15									
16	80	.3868	9.17	2.8645	67.88	.9683	22.95	4.2196	100
17	90	.4519	9.90	3.1859	69.77	.9282	20.33	4.5660	100
18	90	.3736	8.71	3.1387	73.21	.7749	18.08	4.2872	100
19	90	.3996	9.30	3.0807	71.72	.8153	18.98	4.2956	100
20	90	.3555	8.14	3.1000	70.94	.9142	20.92	4.3697	100
21	90	.4315	9.62	3.1497	70.18	.9066	20.20	4.4878	100
22	90	.3884	9.24	3.0214	71.93	.7909	18.83	4.2007	100
23	90	.3410	7.42	3.1925	69.45	1.0630	23.13	4.5965	100
24	85	.5059	10.75	3.4247	72.77	.7755	16.48	4.7061	100
25	85	.3567	7.40	3.5495	73.64	.9137	18.96	4.8199	100
26	85	.4212	9.08	3.4481	74.29	.7719	16.63	4.6412	100
27	85	.4740	9.92	3.4433	72.10	.8585	17.98	4.7758	100
28	85	.3280	7.55	3.4222	78.82	.5918	13.63	4.3420	100
29	90	.4199	8.81	3.5844	75.19	.7630	16.00	4.7673	100
30	81½	.3702	7.92	3.2790	70.12	1.0271	21.96	4.6763	100
31	85	.4203	9.20	3.4662	75.89	.6808	14.91	4.5673	100
32	85	.3770	8.54	3.4577	78.31	.5806	13.15	4.4153	100
33	85	.3555	7.98	3.3932	76.18	.7053	15.84	4.4540	100
34	85	.3663	7.68	3.4072	71.39	.9990	20.93	4.7725	100
35	85	.3555	7.80	3.3936	74.50	.8063	17.70	4.5554	100
36	80	.3739	7.85	3.5261	74.00	.8651	18.15	4.7651	100
37	85	.3234	6.53	3.5126	70.89	1.1191	22.58	4.9551	100

TABLE VII.—COST OF PRODUCTION OF WINDOW GLASS AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

UU.—ELEMENTS OF COST IN ONE BOX OF 40 BY 65, DOUBLE STRENGTH.

Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Establishment number.	Materials.	Miscellaneous costs (shown in detail in subtable N).	Packing-box.	Labor.						Total of all cost.
				Blowing.	Flattening.	Gathering.	Cutting.	Packing.	Total.	
1	$0.2612	$1.0126	*a*$0.2800	$2.1800	$0.5450	$1.1445	$0.2000	*a*$0.0275	$4.0970	$5.6508
2	.3227	*b* 1.4880	(*b*)	2.1800	.5450	1.1445	.2000	.0113	4.0808	5.7153
3	.3793	.6312	.5640	2.1800	.5450	1.1445	.2000	.0150	4.0845	5.6827
4	.3971	.6371	.5640	2.1800	.5450	1.1445	.2000	.0333	4.1028	6.2183
5	.4132	1.1623	.5400	2.1800	.5450	1.1445	.2000	.0250	4.0945	5.9055
6	.4085	.8375	.5650	2.1800	.5450	1.1445	.2000			
7										
8										
9	.2543	*c* 1.6257	.3000	2.1800	.5450	1.1445	.2000	(*c*)	4.0695	6.2495
10	.4364	*c* 1.0586	.4800	1.2600	.3150	.7250	.2000	(*e*)	2.5000	4.4750
11										
12	.4439	*c* .9151	.5000	1.2600	.3150	.7250	.2000	(*c*)	2.5000	4.3590
13	.4042	*c*,*d* 1.0439	.4800	1.2600	.3150	.7250	.2000	(*c*)	2.5000	4.4281
14	.4257	*c* 1.0882	.5000	1.2600	.3150	.7250	.2000	(*c*)	2.5000	4.5139
15										
16	.3868	*c* .9828	.4000	1.2600	.3150	.7250	.2000	(*c*)	2.5000	4.2696
17	.4519	*c* 1.1508	*a*.2700	1.9620	.4905	1.0791	.1800	(*c*)	3.7116	5.5843
18	.3736	*c* .9503	*a*.2700	1.9620	.4905	1.0791	.1800	(*c*)	3.7116	5.3055
19	.3996	*c* .9327	*a*.2700	1.9620	.4905	1.0791	.1800	(*c*)	3.7116	5.3139
20	.3555	*c* 1.0509	*a*.2700	1.9620	.4905	1.0791	.1800	(*c*)	3.7116	5.3880
21	.4315	*c* 1.0930	*a*.2700	1.9620	.4905	1.0791	.1800	(*c*)	3.7116	5.5061
22	.3884	*c* .8490	.2700	1.9620	.4905	1.0791	.1800	(*c*)	3.7116	5.2190
23	.3410	1.2742	.2700	1.9620	.4905	1.0791	.1800	.0180	3.7296	5.6148
24	.5059	.9355	.2500	2.1800	.5450	1.1445	.2000	.0188	4.0883	5.7797
25	.3567	1.1172	.3500	2.1800	.5450	1.1445	.2000	.0200	4.0895	5.9134
26	.4212	.9540	.2500	2.1800	.5450	1.1445	.2000	.0200	4.0895	5.7147
27	.4740	.7783	.5400	2.1800	.5450	1.1445	.2000	.0175	4.0870	5.8793
28	.3280	*e* .9880	(*e*)	2.1800	.5450	1.1445	.2000	(*e*)	4.0695	5.3855
29	.4199	*c* 1.3214	(*e*)	2.1800	.5450	1.1445	.2000	(*e*)	4.0695	5.8108
30	.3702	.7934	.5360	2.1800	.5450	1.1445	.2000	.0117	4.0812	5.7808
31	.4203	*c* 1.1210	(*e*)	2.1800	.5450	1.1445	.2000	(*e*)	4.0695	5.6108
32	.3770	*c* .8533	.3900	2.1800	.5450	1.1440	.2000	(*e*)	4.0690	5.5993
33	.3555	.8910	.3000	2.1800	.5450	1.1440	.2000	.0225	4.0915	5.6380
34	.3663	.8707	.6440	2.1800	.5450	1.1440	.2000	.0225	4.0915	5.9725
35	.3555	.9824	.3000	2.1800	.5450	1.1440	.2000	.0325	4.1015	5.7394
36	.3739	1.0817	.3000	2.1800	.5450	1.1450	.2000	.0225	4.0925	5.8481
37	.3234	.9952	.6140	2.1800	.5450	1.1445	.2000	.0225	4.0920	6.0546

a Calculated from best obtainable data.
b The expenditures for packing-box are inseparably combined with those for miscellaneous elements.
c The expenditures for packing labor are inseparably combined with those for miscellaneous elements.
d The expenditures for labor included with the above, amounting to $0.3859, are calculated from best obtainable data.
e The expenditures for packing-box and packing labor are inseparably combined with those for miscellaneous elements.

TABLE VII.—COST OF PRODUCTION OF WINDOW GLASS AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

VV.—SUMMARY OF COST OF ONE BOX OF 40 BY 65, DOUBLE STRENGTH.

[This sub-table is based on sub-tables M, N, and UU, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to those sub-tables for such information as is furnished there.]

Establishment number.	Pounds per box.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
1	85	$0.2612	4.62	$4.6697	82.64	$0.7199	12.74	$5.6508	100
2	90	.3227	5.46	4.6525	78.77	.9314	15.77	5.9066	100
3	90	.3793	6.64	4.5827	80.18	.7533	13.18	5.7153	100
4	90	.3971	6.99	4.3790	77.06	.9066	15.95	5.6827	100
5	80	.4132	6.64	4.6860	75.36	1.1191	18.00	6.2183	100
6	80	.4085	6.92	4.6114	78.09	.8856	14.99	5.9055	100
7									
8									
9	82	.2543	4.07	4.7561	76.10	1.2391	19.83	6.2495	100
10	82	.4364	9.75	2.8577	63.86	1.1809	26.39	4.4750	100
11									
12	85	.4439	10.18	2.9004	66.54	1.0147	23.28	4.3590	100
13	85	.4042	9.13	2.8359	65.17	1.1380	25.70	4.4281	100
14	85	.4257	9.43	2.9356	65.04	1.1526	25.53	4.5139	100
15									
16	80	.3868	9.06	2.8645	67.09	1.0183	23.85	4.2696	100
17	90	.4519	8.09	4.1742	74.75	.9582	17.16	5.5843	100
18	90	.3736	7.04	4.1270	77.79	.8049	15.17	5.3055	100
19	90	.3996	7.52	4.0690	76.57	.8453	15.91	5.3139	100
20	90	.3555	6.60	4.0383	75.88	.9442	17.52	5.3880	100
21	90	.4315	7.84	4.1380	75.15	.9366	17.01	5.5061	100
22	90	.3884	7.44	4.0097	76.83	.8209	15.73	5.2190	100
23	90	.3410	6.07	4.1808	74.46	1.0930	19.47	5.6148	100
24	85	.5059	8.75	4.4683	77.31	.8055	13.94	5.7797	100
25	85	.3567	6.03	4.5930	77.67	.9637	16.30	5.9134	100
26	85	.4212	7.37	4.4916	78.60	.8019	14.03	5.7147	100
27	85	.4740	8.06	4.4868	76.32	.9185	15.62	5.8793	100
28	85	.3280	6.09	4.4657	82.92	.5918	10.99	5.3855	100
29	90	.4199	7.23	4.6279	79.64	.7630	13.13	5.8108	100
30	81½	.3702	6.41	4.3225	74.77	1.0881	18.82	5.7808	100
31	85	.4203	7.49	4.5097	80.38	.6808	12.13	5.6108	100
32	85	.3770	6.73	4.6017	82.18	.6206	11.09	5.5993	100
33	85	.3555	6.31	4.5372	80.47	.7453	13.22	5.6380	100
34	85	.3663	6.13	4.5512	76.20	1.0550	17.67	5.9725	100
35	85	.3555	6.19	4.5376	79.06	.8463	14.75	5.7394	100
36	80	.3739	6.39	4.5691	78.13	.9051	15.48	5.8481	100
37	85	.3234	5.34	4.5561	75.25	1.1751	19.41	6.0546	100

TABLE VII.—COST OF PRODUCTION OF **WINDOW GLASS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

WW.—ELEMENTS OF COST IN ONE BOX OF 40 BY 70, DOUBLE STRENGTH.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Establishment number.	Materials.	Miscellaneous costs (shown in detail in subtable N).	Packing-box.	Labor.						Total of all cost.
				Blowing.	Flattening.	Gathering.	Cutting.	Packing.	Total.	
1	$0.2612	$1.0126	*a*$0.3000	$2.5900	$0.6475	$1.3597	$0.2000	*a*$0.0275	$4.8247	$6.3985
2	.3227	*b* 1.4880	(*b*)	2.5900	.6475	1.3598	.2000	.0264	4.8237	6.6344
3	.3793	.6912	.5700	2.5900	.6475	1.3598	.2000	.0113	4.8086	6.4491
4	.3971	.6371	.5700	2.5900	.6475	1.3598	.2000	.0150	4.8123	6.4165
5	.4132	1.1623	.5650	2.5900	.6475	1.3598	.2000	.0333	4.8306	6.9711
6	.4085	.8375	.5720	2.5900	.6475	1.3598	.2000	.0250	4.8223	6.6403
7										
8										
9	.2543	*c* 1.6257	.3500	2.5900	.6475	1.3598	.2000	(*c*)	4.7973	7.0273
10										
11										
12										
13										
14										
15										
16										
17	.4519	*c* 1.1508	*a* .3000	2.3310	.5827	1.2820	.1800	(*c*)	4.3757	6.2784
18	.3736	*c*. 9503	*a* .3000	2.3310	.5827	1.2820	.1800	(*c*)	4.3757	5.9996
19										
20	.3555	*c* 1.0509	*a* .3000	2.3310	.5827	1.2820	.1800	(*c*)	4.3757	6.0821
21	.4315	*c* 1.0930	*a* .3000	2.3310	.5827	1.2820	.1800	(*c*)	4.3757	6.2002
22	.3884	*c*. 8490	.3000	2.3310	.5827	1.2820	.1800	(*c*)	4.3757	5.9131
23	.3410	1.2742	.3000	2.3310	.5827	1.2820	.1800	.0180	4.3937	6.3089
24	.5059	.9355	.3000	2.5900	.6475	1.3597	.2000	.0187	4.8159	6.5573
25	.3567	1.1172	.4000	2.5900	.6475	1.3597	.2000	.0200	4.8172	6.6911
26	.4212	.9540	.3000	2.5900	.6475	1.3597	.2000	.0200	4.8172	6.4924
27	.4740	.7783	.5650	2.5900	.6475	1.3598	.2000	.0175	4.8148	6.6321
28	.3280	*d*. 9880	(*d*)	2.5900	.6475	1.3598	.2000	(*d*)	4.7973	6.1133
29										
30	.3702	.7934	.5600	2.5900	.6475	1.3597	.2000	.0117	4.8089	6.5325
31	.4203	*d* 1.1210	(*d*)	2.5903	.6475	1.3597	.2000	(*d*)	4.7972	6.3385
32	.3770	*c*. 8533	.3300	2.5900	.6470	1.3550	.2000	(*c*)	4.7920	6.3523
33	.3555	.8910	.3300	2.5900	.6470	1.3550	.2000	.0225	4.8145	6.3910
34	.3663	.8707	.6780	2.5900	.6470	1.3550	.2000	.0225	4.8145	6.7295
35	.3555	.9824	.3300	2.5900	.6470	1.3550	.2000	.0325	4.8245	6.4924
36	.3739	1.0817	.3300	2.5900	.6480	1.3550	.2000	.0225	4.8155	6.6011
37	.3234	.9952	.6780	2.5900	.6475	1.3598	.2000	.0225	4.8198	6.8164

a Calculated from best obtainable data.
b The expenditures for packing-box are inseparably combined with those for miscellaneous elements.
c The expenditures for packing labor are inseparably combined with those for miscellaneous elements.
d The expenditures for packing-box and packing labor are inseparably combined with those for miscellaneous elements.

TABLE VII.—COST OF PRODUCTION OF WINDOW GLASS AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Concluded.

XX.—SUMMARY OF COST OF ONE BOX OF 40 BY 70, DOUBLE STRENGTH.

[This sub-table is based on sub-tables M, N, and WW, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to those sub-tables for such information as is furnished there.]

Establishment number.	Pounds per box.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
1	85	$0.2612	4.08	$5.3974	84.36	$0.7399	11.56	$6.3985	100
2	90	.3227	4.86	5.3803	81.10	.9314	14.04	6.6344	100
3	90	.3793	5.88	5.3105	82.35	.7593	11.77	6.4491	100
4	90	.3971	6.19	5.1068	79.59	.9126	14.22	6.4165	100
5	80	.4132	5.93	5.4138	77.66	1.1441	16.41	6.9711	100
6	80	.4085	6.15	5.3392	80.41	.8926	13.44	6.6403	100
7									
8									
9	82	.2543	3.62	5.4839	78.04	1.2891	18.34	7.0273	100
10									
11									
12									
13									
14									
15									
16									
17	90	.4519	7.20	4.8383	77.06	.9882	15.74	6.2784	100
18	90	.3736	6.23	4.7911	79.86	.8349	13.91	5.9996	100
19									
20	90	.3555	5.84	4.7524	78.14	.9742	16.02	6.0821	100
21	90	.4315	6.96	4.8021	77.45	.9666	15.59	6.2002	100
22	90	.3884	6.57	4.6738	79.04	.8509	14.39	5.9131	100
23	90	.3410	5.41	4.8449	76.79	1.1230	17.80	6.3089	100
24	85	.5059	7.71	5.1959	79.24	.8555	13.05	6.5573	100
25	85	.3567	5.33	5.3207	79.52	1.0137	15.15	6.6911	100
26	85	.4212	6.49	5.2193	80.39	.8519	13.12	6.4924	100
27	85	.4740	7.15	5.2146	78.63	.9435	14.22	6.6321	100
28	85	.3280	5.37	5.1935	84.95	.5918	9.68	6.1133	100
29									
30	81½	.3702	5.67	5.0502	77.31	1.1121	17.02	6.5325	100
31	85	.4203	6.63	5.2374	82.63	.6808	10.74	6.3385	100
32	85	.3770	5.94	5.3247	83.82	.6506	10.24	6.3523	100
33	85	.3555	5.56	5.2602	82.31	.7753	12.13	6.3910	100
34	85	.3663	5.44	5.2742	78.38	1.0890	16.18	6.7295	100
35	85	.3555	5.47	5.2606	81.03	.8763	13.50	6.4924	100
36	80	.3739	5.66	5.2921	80.17	.9351	14.17	6.6011	100
37	85	.3234	4.74	5.2839	77.52	1.2091	17.74	6.8164	100

GREEN GLASS BOTTLES.

GREEN GLASS BOTTLES.

The table covering the facts relating to the cost of producing green glass bottles at twenty-eight establishments in the United States and two establishments in Great Britain is divided into thirteen sub-tables. The titles of the table and sub-tables are as follows:

TABLE VIII.—*Cost of Production of Green Glass Bottles at Various Establishments in Various States.*

A.—Period covered and quantity of product.
B.—The appliances of production.
C.—Quantity of materials (tons of 2,000 pounds) charged into the furnace.
D.—Cost of materials charged into the furnace.
E.—General statement of cost for the period.
F.—Additional cost of certain theoretical elements for the period.
G.—Cost of materials in one pound of glass.
H.—Certain elements of cost in one pound of glass.
J.—Additional cost of certain theoretical elements in one pound of glass.
K.—Cost of materials in one gross of bottles.
L.—Elements of cost in one gross of bottles.
M.—Summary of cost of one gross of bottles.
N.—Additional cost of certain theoretical elements in one gross of bottles.

That the reader may be enabled to separately consider the facts pertaining to entire establishments and those pertaining to the individual products of those establishments, the tables may be separated into two groups: the first group, containing sub-tables A to J, giving information relating to the establishments as a whole; and the second group, containing sub-tables K to N, giving information relating to the individual products of the establishments. To aid the reader in following the connection between the two groups, a double series of numbers is used; the establishments being numbered in consecutive order in the first group, and the products being also numbered consecutively in the second group, with a new series of numbers. In sub-table A, in addition to the establishment numbers, the numbers given in the second group to the various products of each establishment are shown. In sub-tables K to N, in addition to the product numbers, the numbers given to the establishments in which the bottles were produced are also shown.

It should be borne in mind that the numbers in each of the first nine sub-tables exactly correspond with the numbers in every other sub-table of that group, the figures for one establishment being given opposite the same number in each sub-table. Similarly, the product numbers correspond in the sub-tables of the second group.

In sub-tables G, H, and J, such items of cost in one pound of glass are shown, for each establishment, as are common to all varieties of

green glass bottles produced; these costs per pound are the bases of all such costs per gross, shown in sub-tables K to N, as are not dependent upon the particular variety of bottles produced.

The expenditures for packing-boxes have been omitted from this tabulation for the reason that no consistent basis for the calculation of such cost could be obtained. The boxes in which green glass bottles are shipped are nearly all returned to the factory and used over and over again, and the expenditures for new boxes and the repairing of old ones are so variable at different periods that it has been deemed inexpedient to include them.

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES.

A.—PERIOD COVERED AND QUANTITY OF PRODUCT.

[The names of the states are omitted to prevent the identification of individual establishments. Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain. This and the eight sub-tables which follow (A to J) relate to each establishment as a whole. These establishments are numbered serially, those of the same state being grouped together. For explanation of the product number see the prefatory note to sub-table K, in which and in the sub-tables that follow it becomes the serial number.]

Establishment number.	Product numbers.	Locality.	Period covered.		Blowings.		Pounds of finished glass produced.
			Terminal dates.	Days of running time.	Number.	Hours to each.	
1	13, 27, 35, 50, 72, 171, 184, 216, 306, 344, 347, 353.	United States	Sept. 1, 1889, to Aug. 31, 1890	257	257	9	12, 838, 420
2	46, 51	do	July 1, 1889, to June 30, 1890	204	204	9	3, 386, 304
3	156, 161, 166, 177	do	Apr. 7, 1890, to June 27, 1890	71	142	9	731, 743
4	154, 157, 164, 175, 189	do	Sept. 22, 1888, to June 29, 1889[a]	246	246	9	4, 177, 080
5	36, 52	do	July 1, 1889, to June 30, 1890	205	205	9	3, 700, 620
6	25, 37, 53, 178, 191, 280, 281, 286, 287, 289, 315.	do	July 1, 1889, to June 30, 1890	242	242	9	3, 340, 828
7	21, 182, 193, 323	do	Mar. 1, 1890, to May 31, 1890	78	78	8	1, 399, 000
8	140 to 143, 247, 252, 255, 256, 263, 264.	do	July 1, 1889, to June 30, 1890	260	260	8½	5, 175, 000
9	9, 10, 312, 316, 344, 345	do	Feb. 1, 1890, to June 30, 1890[a]	126	126	8½	1, 186, 423
10	145, 170, 179	do	Feb. 3, 1890, to June 5, 1890[a]	103	103	9	608, 408
11	201, 203, 234, 259, 262, 294, 298.	do	July 1, 1889, to June 30, 1890	256	256	8½	2, 575, 000
12	14, 33, 38, 54, 73, 180, 185, 217, 302, 308, 348, 355.	do	July 1, 1888, to June 30, 1889	246	246	9	11, 217, 180
13	11, 115, 122, 132, 258, 296, 297, 301, 317, 329, 351, 357.	do	July 1, 1889, to June 30, 1890	245	245	9	1, 807, 151
14	28, 117, 126, 130, 237, 239, 242, 244, 248, 249, 333.	do	July 1, 1889, to June 30, 1890	[b] 185	134	(c)	3, 334, 500
15	15, 23, 80, 318, 326	do	July 1, 1889, to June 30, 1890	228	228	(d)	7, 024, 500
16	4, 39, 63, 64, 68, 69, 82, 83, 98, 100 to 104, 109 to 113, 120, 123, 136, 138, 139, 150, 200, 205, 206, 212, 225, 228, 232, 233, 235, 236, 243, 245, 250, 254, 260, 269, 271, 272 to 278, 291 to 293, 295, 309, 310, 325, 327, 328, 330, 335 to 343, 346.	do	June 30, 1888 to July 1, 1889	246	246	9	4, 243, 363

a Terminal dates of blowing period only.
b Tank was operated 185 days; furnaces, 134 days.
c Nine hours for five days per week and six hours for one day.
d Nine hours for five days per week and five hours for one day.

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

A.—PERIOD COVERED AND QUANTITY OF PRODUCT—Concluded.

[The names of the states are omitted to prevent the identification of individual establishments. Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain. This and the eight sub-tables which follow (A to J) relate to each establishment as a whole. These establishments are numbered serially, those of the same state being grouped together. For explanation of the product number see the prefatory note to sub-table K, in which and in the sub-tables that follow it becomes the serial number.]

Establishment number.	Product numbers.	Locality.	Period covered.		Blowings.		Pounds of finished glass produced.
			Terminal dates.	Days of running time.	Number.	Hours to each.	
17	149, 158, 163	United States	Nov. 18, 1889, to Nov. 17, 1890	156	156	8	1, 640, 876
18	2, 55, 151, 159, 167, 172, 188, 227, 319.	....do	July 1, 1889, to June 30, 1890	189	189	9	1, 469, 376
19	1, 3, 5 to 8, 40, 48, 61, 62, 66, 85, 94, 96, 144, 146 to 148, 155, 162, 176, 190, 199, 207, 208, 210, 211, 226, 261, 265, 266, 268, 270.	....do	July 1, 1889, to June 30, 1890	258	258	9	3, 332, 561
20	16, 29, 41, 56, 152, 160, 165, 181, 186, 214, 324, 356.	....do	Sept. 1, 1889, to Aug. 31, 1890	168	168	9	4, 664, 638
21	17, 30, 42, 57, 74, 86, 169, 173, 187, 279, 282 to 284, 288, 290, 320, 354.	....do	July 1, 1889, to June 30, 1890	231	231	9	2, 816, 060
22	22, 32, 116, 123, 134, 253, 305, 321, 334, 349, 359.	....do	July 1, 1889, to June 30, 1890	206	206	8	1, 348, 275
23	18, 71, 78, 81, 303	....do	July 1, 1889, to June 30, 1890	174	174	9	2, 245, 619
24	19, 24, 43, 58, 77, 183, 192, 215, 304, 307, 311, 352, 358.	....do	July 1, 1889, to June 30, 1890	195	195	9	3, 661, 514
25	12, 26, 45, 59, 105 to 108, 153, 168, 174, 194, 197, 198, 202, 204, 224.	....do	June 22, 1889, to June 21, 1890	257	257	9	3, 391, 735
26	44, 49, 65, 67, 70, 79, 84, 87 to 93, 95, 97, 119, 121, 127, 129, 135, 137, 195, 196, 209, 213, 222, 223, 229 to 231, 257, 267, 285, 299, 300, 331, 332.	....do	July 1, 1889, to June 30, 1890	234	234	9	2, 811, 364
27	31, 34, 47, 60, 75, 76, 99, 118, 124, 131, 238, 240, 241, 246, 251, 322, 350, 360.	....do	July 1, 1889, to June 30, 1890	254	254	9	3, 740, 000
28	20, 114, 125, 133, 313	....do	Mar. 21, 1890, to July 3, 1890*a*	90	90	8½	716, 932
b 29	219, 220	Great Britain	Sept. 1, 1888, to Aug. 31, 1889	*c* 340	1, 020	8	20, 210, 076
b 30	218, 221	....do	Sept. 1, 1889, to Aug. 31, 1890	250	500	9½	19, 632, 546

a Terminal dates of blowing period only.
b Numbers 29 and 30 represent two different periods of time for the same establishment.
c Including Sundays.

TABLE VIII.—COST OF PRODUCTION OF **GREEN GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES.—Continued.

B.—THE APPLIANCES OF PRODUCTION.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain.]

Establishment number.	Furnaces.		Tanks.		Tempering ovens	Tempering leers.	Pot arches	Sand ovens	Kinds of fuel used in—		Stem or clean pipe worked by blowers?
	Number.	Total pots.	Number.	Holding capacity in pounds.					Melting furnaces.	Tempering ovens or leers.	
1	3	21	.....	.....	63	.....	3	.....	Bit. coal	Coke and wood.	Stem.
2	1	6	.....	.....	24	.....	2	.....	Bit. coal	Coke and wood.	Stem.
3	1	8	.....	.....	21	.....	1	1	Natural gas	Natural gas....	Clean.
4	1	10	.....	.....	42	.....	2	1	Bit. coal	Coal and coke..	Clean.
5	1	6	.....	.....	18	.....	1	1	Bit. coal	Coke and wood.	Stem.
6	1	5	.....	.....	15	.....	1	1	Bit. coal	Coke	Stem.
7	2	*a* 13	.....	.....	24	1	4	1	Bit. coal	Wood	Both.
8	4	15	1	20,000	15	6	2	.....	Bit. coal	Coal and oil....	Stem.
9	1	5	.....	.....	4	.....	1	.....	Bit. coal	Wood	Stem.
10	.....	.....	1	8,000	9	.....	.....	.....	Bit. coal (*b*).....	Coke and wood.	Stem.
11	1	5	1	12,000	6	3	1	.....	Bit. coal	(*c*)	Stem.
12	.....	.....	3	300,000	38	1	1	.....	Bit. coal (*b*).....	(*d*)	Stem.
13	1	5	.....	.....	6	.....	1	.....	Bit. coal	Wood	Both.
14	2	10	1	3,000	31	.....	1	.....	Coal	Wood	Stem.
15	4	20	1	40,000	59	.....	2	.....	Ant. and bit. coal	Oil	Stem.
16	2	10	.....	.....	23	2	2	.....	Ant. and bit. coal	Wood (*e*)	Both.
17	1	7	.....	.....	4	.....	1	1	Bit. coal	Coke and wood.	Stem.
18	1	6	.....	.....	5	.....	1	1	Natural gas.....	Natural gas....	Clean.
19	2	8	.....	.....	20	.....	2	1	Natural gas.....	Natural gas	Both.
20	2	10	.....	.....	32	.....	2	.....	Coal	Wood	Clean.
21	1	10	.....	.....	18	.....	2	1	Bit. coal	Bit. coal.....	Stem.
22	1	5	.....	.....	5	1	1	.....	Bit. coal	Wood.....	Clean.
23	1	8	.....	.....	10	.....	2	.....	Bit. coal	Wood and oil ..	Both.
24	1	8	.....	.....	24	.....	2	1	Natural gas	Natural gas....	Both.
25	1	8	.....	.....	24	.....	2	1	Natural gas	Natural gas....	Clean.
26	1	6	.....	.....	12	.....	2	1	Natural gas	Natural gas	Both.
27	.....	.....	2	102,000	4	1	.....	.....	Bit. coal (*b*).....	(*f*)	Stem.
28	1	5	.....	.....	9	.....	.....	.....	Bit. coal	Wood	Both.
29	2	8	5	1,473,920	115	.....	2	.....	Bit. coal	Bit. coal.....	Clean.
30	1	4	4	1,052,800	*g* 111	.....	2	.....	Bit. coal	Bit. coal.....	Clean.

a 8 pots in one furnace and 5 in the other.
b Used at tank.
c Anthracite coal, wood, and oil.
d In ovens, wood; in leer, coke and anthracite coal.
e Oil is used as fuel in glory holes.
f Wood, gas, and coke.
g 32 fixed ovens and 79 portable ovens.

TABLE VIII.—COST OF PRODUCTION OF **GREEN GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

C.—QUANTITY OF MATERIALS (TONS OF 2,000 POUNDS) CHARGED INTO THE FURNACE.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain.]

Establishment number.	Sand.	Soda ash.	Burnt lime or raw limestone.	Glass.	Salt.	Other.	Total.
1	4,626.00	1,850.40	694.00	1,400.00	.....	6.00	8,576.40
2	1,274.45	520.54	228.20	257.17	55.00	.....	2,335.36
3	301.00	134.17	56.33	38.85	8.12	.....	538.47
4	1,122.62	388.39	412.25	(a)	36.50	.....	1,959.76
5	1,386.00	554.00	304.92	231.00	111.38	4.15	2,591.45
6	1,179.88	418.06	266.65	290.75	97.40	6.11	2,258.85
7	630.00	260.00	180.00	.....	.....	.....	1,070.00
8	2,000.00	800.00	600.00	50.00	.....	.....	3,450.00
9	400.50	178.87	108.63	160.00	.....	.....	848.00
10	250.00	87.00	67.00	26.00	.....	.....	430.00
11	928.00	390.00	251.00	100.00	16.00	.....	1,685.00
12	4,800.00	1,921.00	960.00	.....	.....	2.00	7,683.00
13	795.00	302.00	193.00	.....	.....	.....	1,290.00
14	1,220.00	536.00	417.00	50.00	.....	.....	2,223.00
15	2,966.00	1,186.00	889.80	.....	.....	25.00	5,066.80
16	1,820.00	698.80	433.70	97.13	.....	.86	3,050.49
17	487.00	210.00	98.00	190.00	15.00	.....	1,000.00
18	629.00	263.00	179.00	10.95	.....	.....	1,081.95
19	1,428.83	460.27	448.47	29.42	10.00	31.50	2,408.49
20	1,420.00	567.68	361.50	215.40	47.00	2.50	2,614.08
21	1,208.25	483.30	181.24	54.08	60.43	1.00	1,988.30
22	528.00	225.70	155.50	84.00	10.10	.....	1,003.30
23	845.00	320.72	144.40	300.00	36.25	.....	1,646.37
24	1,408.00	580.20	478.72	105.00	63.36	2.82	2,638.10
25	1,368.00	554.00	451.00	150.00	.....	5.00	2,528.00
26	1,170.63	489.50	376.06	234.00	.74	3.91	2,274.84
27	1,510.00	543.75	377.75	190.00	50.00	.....	2,671.50
28	373.61	130.00	82.40	.....	.....	.....	586.01
29	6,176.80	b 2,096.64	2,164.40	377.44	.....	.....	10,815.28
30	6,535.20	b 2,178.40	2,223.20	364.00	.....	.....	11,300.80

a A large amount of cullet was used, which was produced at other works operated by the same establishment.

b Including sulphate of soda.

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

D.—COST OF MATERIALS CHARGED INTO THE FURNACE.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain.]

Establishment number.	Sand.	Soda ash.	Burnt lime or raw limestone.	Glass.	Salt.	Other.	Total.
1	$9,252	$48,113	$2,511	$11,200	----------	$63	$71,139
2	2,230	14,143	971	1,927	$271	----------	19,542
3	698	4,903	251	474	55	----------	6,381
4	3,268	12,428	1,031	(a)	248	----------	16,975
5	1,247	14,848	763	1,617	558	166	19,199
6	1,298	12,124	1,226	1,744	501	479	17,372
7	756	7,228	828	----------	----------	----------	8,812
8	2,500	20,800	2,700	500	----------	----------	26,500
9	360	5,896	477	800	----------	----------	7,533
10	275	1,988	335	235	----------	----------	2,833
11	1,021	10,530	1,506	1,000	80	----------	14,137
12	5,760	57,630	3,120	----------	----------	144	66,654
13	1,336	7,972	1,309	----------	----------	----------	10,617
14	1,403	14,472	1,918	500	----------	----------	18,293
15	6,526	31,569	4,475	----------	----------	925	43,495
16	3,640	17,051	3,470	680	----------	174	25,015
17	1,169	7,804	357	1,900	53	----------	11,283
18	1,209	7,363	867	76	----------	----------	9,515
19	3,715	16,560	1,033	377	50	352	22,087
20	1,704	17,627	1,120	2,154	200	33	22,838
21	2,175	13,822	538	541	213	80	17,369
22	950	7,673	778	336	202	----------	9,939
23	1,268	8,980	866	1,670	290	----------	13,074
24	3,170	15,014	1,269	1,050	333	92	20,928
25	3,420	17,406	1,308	1,500	----------	100	23,734
26	2,867	16,800	919	2,340	5	107	23,038
27	3,397	17,945	1,738	1,650	425	----------	25,155
28	665	3,964	199	----------	----------	----------	4,828
29	9,729	b 32,004	3,135	2,460	----------	----------	47,328
30	10,294	b 38,562	3,220	2,372	----------	----------	54,448

a A large amount of cullet was used, which was produced at other works operated by the same establishment.

b Including the expenditures for sulphate of soda.

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

E.—GENERAL STATEMENT OF COST FOR THE PERIOD.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain. Insurance, interest, depreciation of value of plant, charges for freight of product to place of free delivery, and expenditures for packing-boxes are not included.]

Establishment number.	Materials.	Labor.			Officials and clerks.	Supplies and repairs.	Fuel.	Taxes.	Total.
		All except blowing.	Blowing.	Total.					
1	$71,139	$73,680	$152,720	$226,400	$5,000	$6,900	$13,262	$350	$323,051
2	19,542	12,699	27,701	40,400	3,300	5,665	4,707	233	73,847
3	6,381	4,298	5,228	9,526	1,590	903	(a)	70	18,470
4	16,975	23,934	28,225	52,159	3,600	11,386	11,911	720	96,751
5	19,199	11,550	28,541	40,091	(b)	3,950	6,880	529	70,649
6	17,372	14,491	28,414	42,905	2,682	2,214	7,151	635	72,959
7	8,812	9,375	19,730	29,105	2,500	2,750	5,210	100	48,477
8	26,500	35,862	38,233	74,095	4,000	6,470	14,468	500	126,033
9	7,533	8,435	9,934	18,369	1,632	888	2,745	35	31,202
10	2,833	3,209	2,939	6,148	c 285	915	1,722	150	12,053
11	14,137	12,485	17,862	30,347	2,000	3,760	8,892	126	59,262
12	66,654	70,370	130,767	201,137	5,100	9,938	22,157	1,050	306,036
13	10,617	11,065	21,498	32,563	1,326	1,705	5,174	185	51,570
14	18,293	22,840	37,427	60,267	3,432	3,310	5,102	498	90,902
15	43,495	50,268	52,463	102,731	4,800	4,622	19,156	1,657	176,461
16	25,015	34,085	45,876	79,961	7,200	3,083	17,701	1,800	134,760
17	11,283	8,705	12,202	20,907	1,029	1,815	3,470	200	38,704
18	9,515	8,493	d 11,016	19,509	900	2,470	1,816	55	34,265
19	22,087	21,248	23,021	44,269	5,600	3,600	300	288	76,144
20	22,838	16,057	33,960	50,017	2,500	1,606	6,143	448	83,552
21	17,369	14,907	28,728	43,635	3,318	2,919	4,864	297	72,402
22	9,939	8,085	11,762	19,847	2,080	1,440	3,490	10	36,806
23	13,074	23,630	22,441	46,071	6,064	3,018	6,951	1,122	76,300
24	20,928	22,643	32,898	55,541	2,650	1,852	2,880	725	84,576
25	23,734	19,829	27,828	47,657	2,040	4,099	6,300	1,300	85,130
26	23,038	12,172	26,963	39,135	4,000	4,110	3,050	50	73,383
27	25,155	19,400	35,800	55,200	2,600	3,528	9,318	150	95,951
28	4,828	3,840	8,159	11,999	578	1,315	2,065	10	20,795
29	47,328	97,953	39,394	137,347	11,263	18,442	26,514	2,232	243,126
30	54,448	103,494	37,608	141,102	12,372	21,980	45,573	2,437	277,912

a The natural gas used as fuel was donated.
b The clerical work was performed by the proprietor of the establishment.
c The amount above reported is 10 per cent. of the entire expenditure for officials and clerks, the remaining 90 per cent. being apportioned to the window glass department of the same establishment.
d Including $774 for blow-over labor on Mason fruit jars.

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

F.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS FOR THE PERIOD.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain.]

Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	$850	.....	.....	$850
2	255	.....	.....	255
3	125	$150	.....	275
4	346	*a* 4,800	.....	*b* 5,146
5	600	.....	.....	600
6	811	4,956	.....	5,767
7	200	850	$1,000	2,050
8	1,600	2,000	2,000	5,600
9	50	.....	.....	50
10	263	.....	.....	263
11	280	.....	.....	280
12	3,050	7,200	.....	10,250
13	280	.....	.....	280
14	1,143	2,715	.....	3,858
15	635	.....	.....	635
16	585	3,000	.....	3,585
17	300	.....	.....	300
18	466	.....	.....	466
19	1,000	800	.....	1,800
20	1,176	900	.....	2,076
21	251	.....	.....	251
22	264	600	200	1,064
23	736	.....	.....	736
24	800	.....	.....	800
25	1,000	.....	.....	1,000
26	336	.....	.....	336
27	500	.....	.....	500
28	70	.....	.....	70
29	774	16,879	7,302	24,955
30	1,111	16,035	7,300	24,446

a Rent.
b Including rent, $4,800.

TABLE VIII.—COST OF PRODUCTION OF **GREEN GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

G.—COST OF MATERIALS IN ONE POUND OF GLASS.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain.]

Establishment number.	Sand.	Soda ash.	Burnt lime or raw limestone.	Glass.	Salt.	Other.	Total.
1	$0.000721	$0.003747	$0.000196	$0.000872	.....	$0.000005	$0.005541
2	.000659	.004176	.000287	.000569	$0.000080	.....	.005771
3	.000954	.006700	.000343	.000048	.000075	.....	.008720
4	.000782	.002975	.000247	(a)	.000060	.....	.004064
5	.000337	.004012	.000206	.000437	.000151	.000045	.005188
6	.000389	.003629	.000367	.000522	.000150	.000143	.005200
7	.000581	.005560	.000637	.....	.....	.....	.006778
8	.000483	.004019	.000522	.000097	.....	.....	.005121
9	.000303	.004970	.000402	.000674	.....	.....	.006349
10	.000452	.003267	.000551	.000386	.....	.....	.004656
11	.000397	.004089	.000585	.000388	.000031	.....	.005490
12	.000513	.005138	.000278	.....	.....	.000013	.005942
13	.000739	.004412	.000724	.....	.....	.....	.005875
14	.000421	.004340	.000575	.000150	.....	.....	.005486
15	.000929	.004494	.000637	.....	.....	.000132	.006192
16	.000857	.004013	.000817	.000160	.....	.000041	.005888
17	.000712	.004756	.000218	.001158	.000032	.....	.006876
18	.000823	.005011	.000590	.000051	.....	.....	.006475
19	.001115	.004969	.000310	.000113	.000015	.000106	.006628
20	.000365	.003779	.000240	.000462	.000043	.000007	.004896
21	.000773	.004908	.000191	.000192	.000076	.000028	.006168
22	.000705	.005691	.000577	.000249	.000150	.....	.007372
23	.000565	.003999	.000385	.000744	.000129	.....	.005822
24	.000866	.004100	.000346	.000287	.000091	.000025	.005715
25	.001008	.005132	.000386	.000442	.....	.000030	.006998
26	.001020	.005976	.000327	.000832	.000002	.000038	.008195
27	.000908	.004798	.000465	.000441	.000114	.....	.006726
28	.000927	.005529	.000278	.....	.....	.....	.006734
29	.000481	b. 001584	.000155	.000122	.....	.....	.002342
30	.000524	b. 001964	.000164	.000121	.....	.....	.002773

a A large amount of cullet was used, which was produced at other works operated by the same establishment.

b Including the expenditures for sulphate of soda.

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

H.—CERTAIN ELEMENTS OF COST IN ONE POUND OF GLASS.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain.]

Establishment number.	Materials.	All labor except blowing.	Officials and clerks.	Supplies and repairs.	Fuel.	Taxes.	Total.
1	$0.005541	$0.005739	$0.000390	$0.000537	$0.001033	$0.000027	$0.013267
2	.005771	.003750	.000974	.001673	.001390	.000069	.013627
3	.008720	.005874	.002173	.001234	(a)	.000096	.018097
4	.004064	.005729	.000862	.002726	.002852	.000172	.016405
5	.005188	.003121	(b)	.001067	.001859	.000143	.011378
6	.005200	.004338	.000803	.000663	.002140	.000190	.013334
7	.006778	.007212	.001923	.002115	.004008	.000077	.022113
8	.005121	.006930	.000773	.001250	.002796	.000096	.016966
9	.006349	.007110	.001376	.000748	.002314	.000029	.017926
10	.004656	.005274	c .000468	.001504	.002830	.000247	.014979
11	.005490	.004849	.000777	.001460	.003453	.000049	.016078
12	.005942	.006273	.000455	.000886	.001975	.000094	.015625
13	.005875	.006123	.000734	.000944	.002863	.000102	.016641
14	.005186	.006850	.001029	.000993	.001530	.000149	.016037
15	.006192	.007156	.000683	.000658	.002727	.000236	.017652
16	.005888	.008023	.001695	.000726	.004166	.000424	.020922
17	.006876	.005305	.000627	.001106	.002115	.000122	.016151
18	.006475	.005780	.000613	.001681	.001236	.000037	.015822
19	.006628	.006376	.001680	.001080	.000090	.000087	.015941
20	.004896	.003442	.000536	.000344	.001317	.000096	.010631
21	.006168	.005294	.001178	.001037	.001727	.000105	.015509
22	.007372	.005996	.001543	.001068	.002589	.000007	.018575
23	.005822	.010523	.002700	.001644	.003095	.000500	.023984
24	.005715	.006184	.000724	.000506	.000786	.000198	.014113
25	.006998	.005846	.000602	.001209	.001857	.000383	.016895
26	.008195	.004330	.001423	.001462	.001085	.000017	.016512
27	.006726	.005187	.000695	.000943	.002492	.000040	.016083
28	.006734	.005356	.000806	.001834	.002881	.000014	.017625
29	.002342	.004847	.000557	.000913	.001312	.000110	.010081
30	.002773	.005272	.000630	.001120	.002321	.000124	.012240

a The natural gas used as fuel was donated.
b The clerical work was performed by the proprietor of the establishment.
c The amount above reported is based upon 10 per cent. of the entire expenditure for officials and clerks, the remaining 90 per cent. being apportioned to the window glass department of the same establishment.

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

J.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE POUND OF GLASS.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain.]

Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	$0.000066			$0.000066
2	.000075			.000075
3	.000171	$0.000205		.000376
4	.000083	*a* .001149		*b* .001232
5	.000162			.000162
6	.000243	.001483		.001726
7	.000154	.000654	$0.000769	.001577
8	.000309	.000387	.000386	.001082
9	.000042			.000042
10	.000432			.000432
11	.000109			.000109
12	.000272	.000642		.000914
13	.000155			.000155
14	.000343	.000814		.001157
15	.000090			.000090
16	.000138	.000706		.000844
17	.000183			.000183
18	.000317			.000317
19	.000300	.000240		.000540
20	.000252	.000193		.000445
21	.000089			.000089
22	.000196	.000445	.000148	.000789
23	.000328			.000328
24	.000219			.000219
25	.000295			.000295
26	.000120			.000120
27	.000134			.000134
28	.000098			.000098
29	.000038	.000835	.000362	.001235
30	.000056	.000817	.000372	.001245

a Rent.
b Including rent, $0.001149.

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF MATERIALS IN ONE GROSS OF BOTTLES.

[The preceding sub-tables (A to J) relate to each establishment as a whole, but this and the following (K to N) relate to individual products of the establishments, those of a like kind being grouped together

Product number.	Establishment number.	Description.	Weight per gross in pounds.
1	19	Ale, oval	126
2	18	Battery jars	180
3	19	Battery jars, number 5	180
4	16	Battery jars	378
5	19	Battery jars, 6 by 8	450
6	19	Beer	234
7	19	Beer	252
8	19	Beer, Baltimore seal	234
9	9	Beer, pint	144
10	9	Beer, quart	270
11	13	Beer, champagne, pint	135
12	25	Beer, champagne, pint	135
13	1	Beer, champagne, pint	144
14	12	Beer, champagne, pint	144
15	15	Beer, champagne, pint	144
16	20	Beer, champagne, pint	144
17	21	Beer, champagne, pint	144
18	23	Beer, champagne, pint	144
19	24	Beer, champagne, pint	144
20	28	Beer, champagne, pint	150
21	7	Beer, champagne, pint	192
22	22	Beer, champagne, pint	225
23	15	Beer, champagne, quart	225
24	24	Beer, champagne, quart	234
25	6	Beer, champagne, quart	234
26	25	Beer, champagne, quart	252
27	1	Beer, champagne, quart	252
28	14	Beer, champagne, quart	252
29	20	Beer, champagne, quart	252
30	21	Beer, champagne, quart	252
31	27	Beer, champagne, quart	270
32	22	Beer, champagne, quart	288
33	12	Beer, champagne, quart	288
34	27	Beer, champagne, quart	126
35	1	Beer, export, pint	126
36	5	Beer, export, pint	126
37	6	Beer, export, pint	126
38	12	Beer, export, pint	126
39	16	Beer, export, pint	126
40	19	Beer, export, pint	126
41	20	Beer, export, pint	126
42	21	Beer, export, pint	126
43	24	Beer, export, pint	126
44	26	Beer, export, pint	135
45	25	Beer, export, pint	144
46	2	Beer, export, pint	144
47	27	Beer, export, pint	126
48	19	Beer, export, Baltimore seal, pint	126
49	26	Beer, export, seal, pint	216
50	1	Beer, export, quart	216
51	2	Beer, export, quart	216
52	5	Beer, export, quart	216
53	6	Beer, export, quart	216
54	12	Beer, export, quart	216
55	18	Beer, export, quart	216
56	20	Beer, export, quart	216
57	21	Beer, export, quart	216
58	24	Beer, export, quart	216
59	25	Beer, export, quart	216
60	27	Beer, export, quart	216
61	19	Beer, export, Baltimore seal, quart	210
62	19	Beer, lager, pint	140
63	16	Beer, lager, pint	144
64	16	Beer, lager, plain, quart	270
65	26	Beer, weiss	162
66	19	Beer, weiss	180
67	26	Beer, weiss	180
68	16	Beer, weiss, pint	180
69	16	Blacking	36
70	26	Brandy, 5 to the gallon	180
71	23	Brandy, 5 to the gallon	188

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF MATERIALS IN ONE GROSS OF BOTTLES.

and numbered serially. The numbers of the establishments to which they refer are shown in the second column. Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain.]

Sand.	Soda ash.	Burnt lime or raw limestone.	Glass.	Salt.	Other.	Total.	Product number.
$0.1405	$0.6261	$0.0391	$0.0142	$0.0019	$0.0133	$0.8351	1
.1481	.9020	.1062	.0092	----------	----------	1.1655	2
.2007	.8944	.0558	.0203	.0027	.0191	1.1930	3
.3240	1.5169	.3088	.0605	----------	.0155	2.2257	4
.5018	2.2360	.1395	.0509	.0067	.0477	2.9826	5
.2609	1.1628	.0725	.0264	.0035	.0248	1.5509	6
.2810	1.2522	.0781	.0285	.0038	.0267	1.6703	7
.2609	1.1628	.0725	.0264	.0035	.0248	1.5509	8
.0436	.7157	.0579	.0971	----------	----------	.9143	9
.0818	1.3419	.1085	.1820	----------	----------	1.7142	10
.0098	.5956	.0977	----------	----------	----------	.7931	11
.1361	.6928	.0521	.0597	----------	.0040	.9447	12
.1038	.5396	.0282	.1256	----------	.0007	.7979	13
.0739	.7399	.0400	----------	----------	.0019	.8557	14
.1338	.6471	.0917	----------	----------	.0190	.8916	15
.0526	.5442	.0345	.0665	.0062	.0010	.7050	16
.1113	.7068	.0275	.0276	.0110	.0040	.8882	17
.0814	.5759	.0554	.1071	.0186	----------	.8384	18
.1247	.5904	.0498	.0414	.0131	.0036	.8230	19
.1335	.7962	.0400	----------	----------	----------	.9697	20
.0872	.8340	.0955	----------	----------	----------	1.0167	21
.1353	1.0927	.1108	.0478	.0288	----------	1.4154	22
.2090	1.0112	.1433	----------	----------	.0297	1.3932	23
.1949	.9225	.0778	.0646	.0205	.0056	1.2859	24
.0910	.8492	.0859	.1221	.0351	.0335	1.2168	25
.2359	1.2009	.0903	.1034	----------	.0070	1.6375	26
.1817	.9442	.0494	.2197	----------	.0013	1.3963	27
.1061	1.0937	.1449	.0378	----------	----------	1.3825	28
.0920	.9523	.0605	.1164	.0108	.0018	1.2338	29
.1948	1.2368	.0481	.0484	.0191	.0071	1.5543	30
.2288	1.2091	.1172	.1112	.0287	----------	1.6950	31
.1904	1.5366	.1558	.0672	.0405	----------	1.9905	32
.1478	1.4797	.0801	----------	----------	.0037	1.7113	33
.2615	1.3818	.1339	.1270	.0329	----------	1.9371	34
.0909	.4721	.0247	.1099	----------	.0006	.6982	35
.0425	.5055	.0259	.0551	.0190	.0057	.6537	36
.0490	.4573	.0462	.0658	.0189	.0180	.6552	37
.0647	.6474	.0350	----------	----------	.0016	.7487	38
.1080	.5056	.1029	.0202	----------	.0052	.7419	39
.1405	.6261	.0691	.0142	.0019	.0133	.8351	40
.0460	.4762	.0302	.0582	.0054	.0009	.6169	41
.0974	.6184	.0241	.0242	.0096	.0035	.7772	42
.1091	.5166	.0436	.0362	.0115	.0031	.7201	43
.1285	.7530	.0412	.1048	.0003	.0048	1.0326	44
.1361	.6928	.0521	.0597	----------	.0040	.9447	45
.0949	.6014	.0413	.0819	.0115	----------	.8310	46
.1308	.6909	.0670	.0635	.0164	----------	.9686	47
.1405	.6261	.0391	.0142	.0019	.0133	.8351	48
.1285	.7530	.0412	.1048	.0003	.0048	1.0326	49
.1557	.8094	.0423	.1884	----------	.0011	1.1969	50
.1423	.9020	.0620	.1229	.0173	----------	1.2465	51
.0728	.8666	.0445	.0944	.0326	.0097	1.1206	52
.0840	.7839	.0793	.1127	.0324	.0309	1.1232	53
.1108	1.1098	.0601	----------	----------	.0028	1.2835	54
.1778	1.0824	.1274	.0110	----------	----------	1.3986	55
.0788	.8163	.0518	.0998	.0093	.0015	1.0575	56
.1670	1.0601	.0412	.0415	.0164	.0061	1.3323	57
.1870	.8856	.0747	.0620	.0197	.0054	1.2344	58
.2177	1.1085	.0834	.0955	----------	.0065	1.5116	59
.1961	1.0364	.1004	.0953	.0246	----------	1.4528	60
.2342	1.0435	.0651	.0237	.0031	.0223	1.3919	61
.1561	.6957	.0434	.0158	.0021	.0148	.9279	62
.1234	.5779	.1177	.0230	----------	.0059	.8479	63
.2314	1.0835	.2206	.0432	----------	.0111	1.5898	64
.1652	.9681	.0530	.1348	.0003	.0062	1.3276	65
.2007	.8944	.0558	.0203	.0027	.0191	1.1930	66
.1836	1.0757	.0589	.1497	.0003	.0069	1.4751	67
.1543	.7223	.1471	.0288	----------	.0074	1.0599	68
.0308	.1445	.0294	.0058	----------	.0015	.2120	69
.1836	1.0757	.0589	.1497	.0003	.0069	1.4751	70
.1062	.7518	.0724	.1399	.0242	----------	1.0945	71

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF MATERIALS IN ONE GROSS OF BOTTLES—Continued.

[The preceding sub-tables (A to J) relate to each establishment as a whole, but this and the following (K to N) relate to individual products of the establishments, those of a like kind being grouped together

Product number.	Establishment number.	Description.	Weight per gross in pounds.
72	1	Brandy, full quart	198
73	12	Brandy, full quart	198
74	21	Brandy, full quart	198
75	27	Brandy, full quart	216
76	27	Brandy, full quart	135
77	24	Brandy, quart	198
78	23	Brandy, quart	54
79	26	Caper sauce	*a* 9½
80	15	Carboys	*a* 11
81	23	Carboys	45
82	16	Castor oil, 4-ounce	85½
83	16	Castor oil, 12-ounce	72
84	26	Catsup, No. 10	144
85	19	Celery	72
86	21	Chow-chow, pint	207
87	26	Champagne	216
88	26	Champagne	225
89	26	Champagne	234
90	26	Champagne	252
91	26	Champagne	234
92	26	Champagne, seal	252
93	26	Champagne, seal	140
94	19	Champagne, Baltimore seal, pint	144
95	26	Champagne, seal, pint	140
96	19	Champagne, pint	144
97	26	Champagne, pint	108
98	16	Citrate of magnesia	108
99	27	Citrate of magnesia	144
100	16	Citrate of magnesia	108
101	16	Citrate of magnesia, plain	90
102	16	Cod-liver oil, 8-ounce	108
103	16	Cod-liver oil, 12-ounce	108
104	16	Cod-liver oil, 12-ounce	54
105	25	Decanters, half-pint	288
106	25	Demijohns, half-gallon	*b* 3
107	25	Demijohns, gallon	*b* 5
108	25	Demijohns, 2-gallon	126
109	16	Emulsion, plain	126
110	16	Extra, pint	198
111	16	Extra, quart	360
112	16	Extra, half-gallon	63
113	16	Flasks, half-pint	63
114	28	Flasks, half-pint	67
115	13	Flasks, half-pint	72
116	22	Flasks, half-pint	75
117	14	Flasks, half-pint	81
118	27	Flasks, half-pint	63
119	26	Flasks, full half-pint	54
120	16	Flasks, scant half-pint	63
121	26	Flasks, scant half-pint	90
122	13	Flasks, pint	99
123	22	Flasks, pint	99
124	27	Flasks, pint	104
125	28	Flasks, pint	108
126	14	Flasks, pint	108
127	26	Flasks, full pint	90
128	16	Flasks, scant pint	108
129	26	Flasks, scant pint	150
130	14	Flasks, quart	153
131	27	Flasks, quart	162
132	13	Flasks, quart	162
133	28	Flasks, quart	180
134	22	Flasks, quart	155
135	26	Flasks, full quart	162
136	16	Flasks, scant quart	153
137	26	Flasks, scant quart	18
138	16	Flat, 1½-ounce	31½
139	16	Flat, 3-ounce	36
140	8	French square, ½-ounce	45
141	8	French square, 6-ounce	

a Per single carboy.

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF MATERIALS IN ONE GROSS OF BOTTLES—Continued.

and numbered serially. The numbers of the establishments to which they refer are shown in the second column. Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain.]

Sand.	Soda ash.	Burnt lime or raw limestone.	Glass.	Salt.	Other.	Total.	Product number.
$0.1428	$0.7419	$0.0388	$0.1726	.....	$0.0010	$1.0971	72
.1016	1.0173	.0550	.....	.....	.0026	1.1765	73
.1531	.9718	.0378	.0380	$0.0151	.0055	1.2213	74
.1798	.9500	.0921	.0873	.0226	.....	1.3318	75
.1961	1.0364	.1004	.0953	.0246	.....	1.4528	76
.1169	.5535	.0467	.0387	.0123	.0034	.7715	77
.1119	.7918	.0762	.1473	.0256	.....	1.1528	78
.0551	.3227	.0176	.0449	.0001	.0021	.4425	79
a.0088	a.0427	a.0060	.....	.....	a.0013	a.0588	80
a.0062	a.0440	a.0042	a.0082	a.0014	.....	a.0640	81
.0386	.1806	.0368	.0072	.....	.0018	.2650	82
.0733	.3431	.0698	.0137	.....	.0035	.5034	83
.0734	.4303	.0235	.0599	.0001	.0028	.5900	84
.1606	.7155	.0446	.0163	.0022	.0152	.9544	85
.0557	.3534	.0137	.0138	.0054	.0021	.4441	86
.2112	1.2370	.0677	.1722	.0004	.0079	1.6964	87
.2203	1.2908	.0706	.1797	.0004	.0083	1.7701	88
.2295	1.3446	.0736	.1872	.0004	.0086	1.8439	89
.2387	1.3984	.0765	.1947	.0004	.0089	1.9176	90
.2570	1.5059	.0824	.2097	.0005	.0096	2.0651	91
.2387	1.3984	.0765	.1947	.0004	.0089	1.9176	92
.2570	1.5059	.0824	.2097	.0005	.0096	2.0651	93
.1561	.6957	.0434	.0158	.0021	.0148	.9279	94
.1469	.8605	.0471	.1198	.0003	.0055	1.1801	95
.1561	.6957	.0434	.0158	.0021	.0148	.9279	96
.1469	.8605	.0471	.1198	.0003	.0055	1.1801	97
.0926	.4334	.0882	.0173	.....	.0044	.6359	98
.0981	.5182	.0502	.0476	.0123	.....	.7264	99
.1234	.5779	.1177	.0230	.....	.0059	.8479	100
.0926	.4334	.0882	.0173	.....	.0044	.6359	101
.0771	.3612	.0735	.0144	.....	.0037	.5299	102
.0926	.4334	.0882	.0173	.....	.0044	.6359	103
.0926	.4334	.0882	.0173	.....	.0044	.6359	104
.0544	.2771	.0209	.0239	.....	.0016	.3779	105
.2903	1.4780	.1112	.1273	.....	.0086	2.0154	106
b.0030	b.0154	b.0012	b.0013	.....	b.0001	b.0210	107
b.0050	b.0257	b.0019	b.0022	.....	b.0002	b.0350	108
.1080	.5056	.1029	.0202	.....	.0052	.7419	109
.1080	.5056	.1029	.0202	.....	.0052	.7419	110
.1697	.7946	.1617	.0317	.....	.0081	1.1658	111
.3085	1.4447	.2941	.0576	.....	.0148	2.1197	112
.0540	.2528	.0515	.0101	.....	.0026	.3710	113
.0584	.3484	.0175	.....	.....	.....	.4243	114
.0495	.2956	.0485	.....	.....	.....	.3936	115
.0508	.4098	.0415	.0179	.0108	.....	.5308	116
.0316	.3265	.0431	.0112	.....	.....	.4114	117
.0736	.3886	.0377	.0357	.0092	.....	.5448	118
.0643	.3765	.0206	.0524	.0001	.0024	.5163	119
.0463	.2167	.0441	.0087	.....	.0022	.3180	120
.0643	.3765	.0206	.0524	.0001	.0024	.5163	121
.0665	.3971	.0651	.....	.....	.....	.5287	122
.0698	.5634	.0571	.0247	.0148	.....	.7298	123
.0899	.4750	.0460	.0437	.0113	.....	.6659	124
.0964	.5750	.0289	.....	.....	.....	.7003	125
.0455	.4687	.0621	.0162	.....	.....	.5925	126
.1102	.6454	.0353	.0899	.0002	.0041	.8851	127
.0771	.3612	.0735	.0144	.....	.0037	.5299	128
.1102	.6454	.0353	.0899	.0002	.0041	.8851	129
.0632	.6510	.0862	.0225	.....	.....	.8229	130
.1389	.7341	.0712	.0675	.0174	.....	1.0291	131
.1197	.7147	.1173	.....	.....	.....	.9517	132
.1502	.8957	.0450	.....	.....	.....	1.0909	133
.1269	1.0244	.1039	.0448	.0270	.....	1.3270	134
.1561	.9143	.0500	.1273	.0003	.0058	1.2538	135
.1388	.6501	.1324	.0259	.....	.0067	.9539	136
.1561	.9143	.0500	.1273	.0003	.0058	1.2538	137
.0154	.0722	.0147	.0029	.....	.0007	.1059	138
.0270	.1264	.0257	.0051	.....	.0013	.1855	139
.0174	.1447	.0188	.0035	.....	.....	.1844	140
.0217	.1808	.0235	.0044	.....	.....	.2304	141

b Per single demijohn.

TABLE VIII.—COST OF PRODUCTION OF **GREEN GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF MATERIALS IN ONE GROSS OF BOTTLES—Continued.

[The preceding sub-tables (A to J) relate to each establishment as a whole, but this and the following (K to N) relate to individual products of the establishments, those of a like kind being grouped together

Product number.	Establishment number.	Description.	Weight per gross in pounds.
142	8	French square, 8-ounce	63
143	8	French square, 16-ounce	115
144	19	Fruit jars, half-gallon	207
145	10	Fruit jars, half-gallon	216
146	19	Fruit jars, dandy, pint	108
147	19	Fruit jars, dandy, quart	135
148	19	Fruit jars, dandy, half-gallon	216
149	17	Fruit jars, Mason, pint	72
150	16	Fruit jars, Mason, pint	90
151	18	Fruit jars, Mason, pint	90
152	20	Fruit jars, Mason, pint	90
153	25	Fruit jars, Mason, pint	99
154	4	Fruit jars, Mason, pint	100
155	19	Fruit jars, Mason, pint	100
156	3	Fruit jars, Mason, pint	101
157	4	Fruit jars, Mason, quart	126
158	17	Fruit jars, Mason, quart	126
159	18	Fruit jars, Mason, quart	126
160	20	Fruit jars, Mason, quart	126
161	3	Fruit jars, Mason, quart	127
162	19	Fruit jars, Mason, quart	130
163	17	Fruit jars, Mason, half-gallon	180
164	4	Fruit jars, Mason, half-gallon	190
165	20	Fruit jars, Mason, half-gallon	198
166	3	Fruit jars, Mason, half-gallon	200
167	18	Fruit jars, Mason, half-gallon	207
168	25	Fruit jars, Mason, half-gallon	216
169	21	Fruit jars, standard, pint	72
170	10	Fruit jars, standard, pint	108
171	1	Fruit jars, standard, quart	126
172	18	Fruit jars, standard, quart	126
173	21	Fruit jars, standard, quart	126
174	25	Fruit jars, standard, quart	126
175	4	Fruit jars, standard, quart	130
176	19	Fruit jars, standard, quart	130
177	3	Fruit jars, standard, quart	144
178	6	Fruit jars, standard, quart	144
179	10	Fruit jars, standard, quart	144
180	12	Fruit jars, standard, quart	144
181	20	Fruit jars, standard, quart	144
182	7	Fruit jars, standard, quart	145
183	24	Fruit jars, standard, quart	152
184	1	Fruit jars, standard, half-gallon	198
185	12	Fruit jars, standard, half-gallon	198
186	20	Fruit jars, standard, half-gallon	198
187	21	Fruit jars, standard, half-gallon	198
188	18	Fruit jars, standard, half-gallon	207
189	4	Fruit jars, standard, half-gallon	210
190	19	Fruit jars, standard, half-gallon	210
191	6	Fruit jars, standard, half-gallon	216
192	24	Fruit jars, standard, half-gallon	216
193	7	Fruit jars, standard, half-gallon	225
194	25	Fruit jars, standard, half-gallon	234
195	26	Gothic, pint	144
196	26	Gothic, quart	288
197	25	Horse radish	36
198	25	Horse radish	54
199	19	Horse radish	72
200	16	Ink, carmine, half-ounce	63
201	11	Ink, pint	126
202	25	Ink, spout, pint	117
203	11	Ink, quart	216
204	25	Ink, spout, quart	180
205	16	London gin, 6 to the gallon	180
206	16	London gin, 5 to the gallon	198
207	19	Milk jars	270
208	19	Mineral water	126
209	26	Mineral water	126
210	19	Mineral water	135
211	19	Mineral water	144
212	16	Mineral water	162
213	26	Mineral water	270
214	20	Mineral water, Apollinaris, quart	198

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF MATERIALS IN ONE GROSS OF BOTTLES—Continued.

and numbered serially. The numbers of the establishments to which they refer are shown in the second column. Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain.]

Sand.	Soda ash.	Burnt lime or raw limestone.	Glass.	Salt.	Other.	Total.	Product number.
$0.0304	$0.2532	$0.0329	$0.0061	.....	.....	$0.3226	142
.0555	.4622	.0600	.0112	.....	.....	.5889	143
.2308	1.0286	.0642	.0234	$0.0031	$0.0219	1.3720	144
.0976	.7057	.1190	.0834	.....	.....	1.0057	145
.1204	.5366	.0335	.0122	.0016	.0115	.7158	146
.1505	.6708	.0419	.0153	.0020	.0143	.8948	147
.2409	1.0733	.0670	.0244	.0032	.0229	1.4317	148
.0513	.3424	.0157	.0834	.0023	.....	.4951	149
.0771	.3612	.0735	.0144	.....	.0037	.5299	150
.0741	.4510	.0531	.0046	.....	.....	.5828	151
.0328	.3401	.0216	.0416	.0039	.0006	.4406	152
.0998	.5081	.0382	.0437	.....	.0030	.6928	153
.0782	.2975	.0247	.....	.0060	.....	.4064	154
.1115	.4969	.0310	.0113	.0015	.0106	.6628	155
.0964	.6767	.0346	.0654	.0076	.....	.8807	156
.0985	.3749	.0311	.....	.0076	.....	.5121	157
.0897	.5993	.0275	.1459	.0040	.....	.8664	158
.1037	.6314	.0744	.0094	.....	.....	.8159	159
.0460	.4762	.0302	.0582	.0054	.0009	.6169	160
.1211	.8509	.0436	.0823	.0095	.....	1.1074	161
.1449	.6460	.0403	.0147	.0020	.0137	.8616	162
.1282	.8561	.0392	.2084	.0058	.....	1.2377	163
.1486	.5653	.0469	.....	.0114	.....	.7722	164
.0723	.7482	.0475	.0915	.0085	.0014	.9694	165
.1908	1.3400	.0686	.1296	.0150	.....	1.7440	166
.1704	1.0373	.1221	.0105	.....	.....	1.3403	167
.2177	1.1085	.0834	.0955	.....	.0065	1.5116	168
.0557	.3534	.0137	.0138	.0054	.0021	.4441	169
.0488	.3528	.0595	.0417	.....	.....	.5028	170
.0909	.4721	.0247	.1099	.....	.0006	.6982	171
.1037	.6314	.0744	.0094	.....	.....	.8159	172
.0974	.6184	.0241	.0242	.0096	.0035	.7772	173
.1270	.6466	.0487	.0557	.....	.0038	.8818	174
.1017	.3867	.0321	.....	.0078	.....	.5283	175
.1449	.6460	.0403	.0147	.0020	.0137	.8616	176
.1374	.9648	.0494	.0933	.0108	.....	1.2557	177
.0560	.5226	.0528	.0752	.0216	.0206	.7488	178
.0651	.4705	.0793	.0556	.....	.....	.6705	179
.0739	.7399	.0400	.....	.....	.0019	.8557	180
.0526	.5442	.0345	.0665	.0062	.0010	.7050	181
.0842	.8062	.0924	.....	.....	.....	.9828	182
.1317	.6232	.0526	.0436	.0138	.0038	.8687	183
.1428	.7419	.0388	.1726	.....	.0010	1.0971	184
.1016	1.0173	.0550	.....	.....	.0026	1.1765	185
.0723	.7482	.0475	.0915	.0085	.0014	.9694	186
.1531	.9718	.0378	.0380	.0151	.0055	1.2213	187
.1704	1.0373	.1221	.0105	.....	.....	1.3403	188
.1642	.6248	.0519	.....	.0126	.....	.8535	189
.2342	1.0435	.0651	.0237	.0031	.0223	1.3919	190
.0840	.7839	.0793	.1127	.0324	.0309	1.1232	191
.1870	.8856	.0747	.0620	.0197	.0054	1.2344	192
.1307	1.2510	.1433	.....	.....	.....	1.5250	193
.2359	1.2009	.0903	.1034	.....	.0070	1.6375	194
.1469	.8605	.0471	.1198	.0003	.0055	1.1801	195
.2938	1.7211	.0942	.2396	.0006	.0109	2.3602	196
.0363	.1847	.0139	.0159	.....	.0011	.2519	197
.0544	.2771	.0209	.0239	.....	.0016	.3779	198
.0803	.3578	.0223	.0081	.0011	.0076	.4772	199
.0058	.0271	.0055	.0011	.....	.0002	.0397	200
.0500	.5152	.0737	.0489	.0039	.....	.6917	201
.1179	.6004	.0452	.0517	.....	.0035	.8187	202
.0857	.8832	.1264	.0838	.0067	.....	1.1858	203
.1814	.9238	.0695	.0795	.....	.0054	1.2596	204
.1543	.7223	.1471	.0288	.....	.0074	1.0599	205
.1697	.7946	.1617	.0317	.....	.0081	1.1658	206
.3011	1.3416	.0837	.0305	.0040	.0287	1.7896	207
.1405	.6261	.0391	.0142	.0019	.0133	.8351	208
.1285	.7530	.0412	.1048	.0003	.0048	1.0326	209
.1505	.6708	.0419	.0153	.0020	.0143	.8948	210
.1606	.7155	.0446	.0163	.0022	.0152	.9544	211
.1388	.6501	.1324	.0259	.....	.0067	.9539	212
.2754	1.6135	.0883	.2246	.0005	.0103	2.2126	213
.0723	.7482	.0475	.0915	.0085	.0014	.9694	214

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF MATERIALS IN ONE GROSS OF BOTTLES—Continued.

(The preceding sub-tables (A to J) relate to each establishment as a whole, but this and the following (K to N) relate to individual products of the establishments, those of a like kind being grouped together

Product number.	Establishment number.	Description.	Weight per gross in pounds.
215	24	Mineral water, Apollinaris, quart	198
216	1	Mineral water, Apollinaris, quart	216
217	12	Mineral water, Apollinaris, quart	216
218	30	Mineral water, patent	126
219	29	Mineral water, patent	126
220	29	Mineral water, patent	198
221	30	Mineral water, patent	198
222	26	Mineral water, quart	270
223	26	Mineral water, seal	135
224	25	Mustard	72
225	16	Oblong, 8-ounce	63
226	19	Oil cans	360
227	18	Oil cans, gallon	360
228	16	Oil jars, gallon	378
229	26	Olive, medium	90
230	26	Olive, plain	126
231	26	Olive, plain	216
232	16	Oval, 3-ounce	27
233	16	Oval, 4-ounce	36
234	11	Oval, 8-ounce	63
235	16	Oval, 14-ounce	99
236	16	Oval, 16-ounce	108
237	14	Oval, Philadelphia, 8-ounce	63
238	27	Oval, Philadelphia, 8-ounce	81
239	14	Oval, Philadelphia, 16-ounce	108
240	27	Oval, Philadelphia, 16-ounce	108
241	27	Oval, Philadelphia, 32-ounce	162
242	14	Oval, Philadelphia, 32-ounce	180
243	16	Oval, Philadelphia, 32-ounce	180
244	14	Oval, plain or union, 16-ounce	108
245	16	Packing, 15-ounce	90
246	27	Packing, pint	99
247	8	Packing, pint	100
248	14	Packing, pint	108
249	14	Packing, quart	150
250	16	Packing, quart	153
251	27	Packing, quart	153
252	8	Packing, quart	160
253	22	Packing, quart	198
254	16	Packing, 3-pint	198
255	8	Packing, half-gallon	250
256	8	Packing, gallon	350
257	26	Packing, gallon	576
258	13	Panel, 2-ounce	18
259	11	Panel, 2-ounce	23
260	16	Panel, 3-ounce	31½
261	19	Panel, 4-ounce	36
262	11	Panel, 4-ounce	41
263	8	Panel, 4-ounce	45
264	8	Panel, 6-ounce	63
265	19	Panel, 8-ounce	72
266	19	Panel, 12-ounce	108
267	26	Panel, 12-ounce	108
268	19	Panel, 14-ounce	126
269	16	Panel, 16-ounce	144
270	19	Panel, 16-ounce	144
271	16	Panel, D, 4 ounce	40½
272	16	Panel, ginger, 5-ounce	54
273	16	Panel, H, 5-ounce	49½
274	16	Panel, H, 6-ounce	58⅓
275	16	Panel, H, 24-ounce	216
276	16	Panel, H, long neck, 12-ounce	108
277	16	Panel, large, 2 ounce	27
278	16	Panel, plain neck, 24-ounce	216
279	21	Pickle, 8-ounce	63
280	6	Pickle, pint	90
281	6	Pickle, quart	126
282	21	Pickle jars, pint	90
283	21	Pickle jars, half-gallon	126
284	21	Pickle jars, half-gallon	198
285	26	Pickle jars, American, pint	117
286	6	Pickle jars, American, half-gallon	198
287	6	Pickle jars, American, gallon	270

TABLE VIII.—COST OF PRODUCTION OF **GREEN GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF MATERIALS IN ONE GROSS OF BOTTLES—Continued.

and numbered serially. The numbers of the establishments to which they refer are shown in the second column. Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain.]

Sand.	Soda ash.	Burnt lime or raw limestone.	Glass.	Salt.	Other.	Total.	Product number.
$0.1715	$0.8118	$0.0685	$0.0568	$0.0180	$0.0050	$1.1316	215
.1557	.8094	.0423	.1884	.....	.0011	1.1969	216
.1108	1.1098	.0601	.....	.....	.0028	1.2835	217
.0660	.2475	.0207	.0152	.....	.....	.3494	218
.0606	.1996	.0195	.0154	.....	.....	.2951	219
.0952	.3136	.0307	.0242	.....	.....	.4637	220
.1037	.3889	.0325	.0240	.....	.....	.5491	221
.2754	1.6135	.0883	.2246	.0005	.0103	2.2126	222
.1377	.8068	.0441	.1123	.0003	.0051	1.1063	223
.0726	.3695	.0278	.0318	.....	.0021	.5038	224
.0540	.2528	.0515	.0101	.....	.0026	.3710	225
.4014	1.7888	.1116	.0407	.0054	.0382	2.3861	226
.2963	1.8040	.2124	.0183	.....	.....	2.3310	227
.3240	1.5169	.3083	.0605	.....	.0155	2.2257	228
.0918	.5379	.0294	.0749	.0002	.0034	.7376	229
.1285	.7530	.0412	.1048	.0003	.0048	1.0326	230
.2203	1.2908	.0706	.1797	.0004	.0083	1.7701	231
.0231	.1084	.0221	.0043	.....	.0011	.1590	232
.0308	.1445	.0294	.0058	.....	.0015	.2120	233
.0250	.2576	.0369	.0244	.0020	.....	.3459	234
.0849	.3973	.0809	.0158	.....	.0040	.5829	235
.0926	.4334	.0882	.0173	.....	.0044	.6359	236
.0265	.2734	.0362	.0095	.....	.....	.3456	237
.0736	.3886	.0377	.0357	.0092	.....	.5448	238
.0455	.4687	.0621	.0162	.....	.....	.5925	239
.0981	.5182	.0502	.0476	.0123	.....	.7264	240
.1471	.7773	.0753	.0714	.0185	.....	1.0896	241
.0758	.7812	.1035	.0270	.....	.....	.9875	242
.1543	.7223	.1471	.0288	.....	.0074	1.0599	243
.0455	.4687	.0621	.0162	.....	.....	.5925	244
.0771	.3612	.0735	.0144	.....	.0037	.5299	245
.0899	.4750	.0460	.0437	.0113	.....	.6659	246
.0483	.4019	.0522	.0097	.....	.....	.5121	247
.0455	.4687	.0621	.0162	.....	.....	.5925	248
.0632	.6510	.0862	.0225	.....	.....	.8229	249
.1311	.6140	.1250	.0245	.....	.0063	.9609	250
.1389	.7341	.0712	.0675	.0174	.....	1.0291	251
.0773	.6431	.0835	.0155	.....	.....	.8194	252
.1396	1.1268	.1143	.0493	.0297	.....	1.4597	253
.1697	.7946	.1617	.0317	.....	.0081	1.1658	254
.1208	1.0048	.1305	.0242	.....	.....	1.2803	255
.1691	1.4066	.1827	.0340	.....	.....	1.7924	256
.5875	3.4422	.1884	.4792	.0011	.0219	4.7203	257
.0133	.0794	.0130	.....	.....	.....	.1057	258
.0091	.0941	.0135	.0089	.0007	.....	.1263	259
.0270	.1264	.0257	.0051	.....	.0013	.1855	260
.0401	.1789	.0112	.0041	.0005	.0038	.2386	261
.0163	.1676	.0240	.0159	.0013	.....	.2251	262
.0217	.1808	.0235	.0044	.....	.....	.2304	263
.0304	.2532	.0329	.0061	.....	.....	.3226	264
.0803	.3578	.0223	.0081	.0011	.0076	.4772	265
.1204	.5366	.0335	.0122	.0016	.0115	.7158	266
.1102	.6454	.0353	.0899	.0002	.0041	.8851	267
.1405	.6261	.0391	.0142	.0019	.0133	.8351	268
.1234	.5779	.1177	.0230	.....	.0059	.8479	269
.1606	.7155	.0446	.0163	.0022	.0152	.9544	270
.0347	.1625	.0331	.0065	.....	.0017	.2385	271
.0463	.2167	.0441	.0087	.....	.0022	.3180	272
.0424	.1987	.0405	.0079	.....	.0020	.2915	273
.0501	.2347	.0478	.0094	.....	.0024	.3444	274
.1851	.8668	.1765	.0346	.....	.0088	1.2718	275
.0926	.4334	.0882	.0173	.....	.0044	.6359	276
.0231	.1084	.0221	.0043	.....	.0011	.1590	277
.1851	.8668	.1765	.0246	.....	.0088	1.2718	278
.0487	.3092	.0120	.0121	.0048	.0018	.3886	279
.0350	.3266	.0330	.0470	.0135	.0129	.4680	280
.0490	.4573	.0462	.0658	.0189	.0180	.6552	281
.0696	.4417	.0172	.0173	.0068	.0025	.5551	282
.0974	.6184	.0241	.0242	.0096	.0035	.7772	283
.1531	.9718	.0378	.0380	.0151	.0055	1.2213	284
.1193	.6992	.0383	.0973	.0002	.0045	.9588	285
.0770	.7185	.0727	.1034	.0297	.0283	1.0296	286
.1050	.9798	.0991	.1410	.0405	.0386	1.4040	287

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF MATERIALS IN ONE GROSS OF BOTTLES—Concluded.

[The preceding sub-tables (A to J) relate to each establishment as a whole, but this and the following (K to N) relate to individual products of the establishments, those of a like kind being grouped together

Product number.	Establishment number.	Description.	Weight per gross in pounds.
288	21	Pickle jars, American, gallon	270
289	6	Pickle jars, hexagon, gallon	324
290	21	Pickle jars, hexagon, gallon	324
291	16	Prescription, fluid, half-ounce	6¾
292	16	Prescription, fluid, 2-ounce	18
293	16	Prescription, 4-ounce	31½
294	11	Prescription, 6-ounce	45
295	16	Prescription, round-shouldered, 12-ounce	72
296	13	Prescription, square or oval, 4-ounce	36
297	13	Prescription, square or oval, 16-ounce	108
298	11	Round, ounce	11
299	26	Schnapps, 5 to the gallon	198
300	26	Schnapps, 4 to the gallon	216
301	13	Schnapps or sarsaparilla, quart	126
302	12	Schnapps or sarsaparilla, quart	193
303	23	Schnapps or sarsaparilla, quart	198
304	24	Schnapps or sarsaparilla, quart	216
305	22	Schnapps or sarsaparilla, quart	288
306	1	Schnapps or sarsaparilla, 6 to the gallon	162
307	24	Schnapps or sarsaparilla, 6 to the gallon	170
308	12	Schnapps or sarsaparilla, 6 to the gallon	180
309	16	Snuff, flat, half-pound	54
310	16	Snuff, square, half-pound	36
311	24	Soda, half-pint	126
312	9	Soda, half-pint	135
313	28	Soda or mineral water, half-pint	114
314	1	Soda or mineral water, half-pint	126
315	6	Soda or mineral water, half-pint	126
316	9	Soda or mineral water, half-pint	126
317	13	Soda or mineral water, half-pint	126
318	15	Soda or mineral water, half-pint	126
319	18	Soda or mineral water, half-pint	126
320	21	Soda or mineral water, half-pint	126
321	22	Soda or mineral water, half-pint	126
322	27	Soda or mineral water, half-pint	126
323	7	Soda or mineral water, half-pint	135
324	20	Soda or mineral water, half-pint	144
325	16	Square, 8 ounce	63
326	15	Telegraph insulators	144
327	16	Union, 8-ounce	63
328	16	Union or Philadelphia, 16-ounce	108
329	13	Water, Florida	65
330	16	Water, Florida, lettered	72
331	26	Water, plain	216
332	26	Water, seal	216
333	14	Whiskey, squat, quart	198
334	22	Whiskey, squat, quart	216
335	16	Wide mouth, 3-ounce	22⅜
336	16	Wide mouth, 4-ounce	31½
337	16	Wide mouth, 6-ounce	45
338	16	Wide mouth, pint	90
339	16	Wide mouth, quart	153
340	16	Wide mouth, extra, half-gallon	360
341	16	Wide mouth, 3-square	27
342	16	Wide mouth conc jars, 2-ounce	22½
343	16	Wine, pint	63
344	9	Wine, 5 to the gallon	180
345	9	Wine, 4 to the gallon	216
346	16	Wine, 4 to the gallon	216
347	1	Wine, hock, 6 to the gallon	144
348	12	Wine, hock, 6 to the gallon	162
349	22	Wine, hock, 6 to the gallon	162
350	27	Wine, hock, 6 to the gallon	167
351	13	Wine, hock, 6 to the gallon	180
352	24	Wine, hock, 6 to the gallon	180
353	1	Wine, hock, 5 to the gallon	162
354	21	Wine, hock, 5 to the gallon	162
355	12	Wine, hock, 5 to the gallon	180
356	20	Wine, hock, 5 to the gallon	180
357	13	Wine, hock, 5 to the gallon	196
358	24	Wine, hock, 5 to the gallon	196
359	22	Wine, hock, 5 to the gallon	198
360	27	Wine, hock, 5 to the gallon	198

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

K.—COST OF MATERIALS IN ONE GROSS OF BOTTLES—Concluded.

and numbered serially. The numbers of the establishments to which they refer are shown in the second column. Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain.]

Sand.	Soda ash.	Burnt lime or raw limestone.	Glass.	Salt.	Other.	Total.	Product number.
$0.2087	$1.3252	$0.0516	$0.0518	$0.0205	$0.0076	$1.6654	288
.1201	1.1758	.1189	.1691	.0486	.0463	1.6848	289
.2504	1.5902	.0619	.0622	.0246	.0091	1.9984	290
.0058	.0271	.0055	.0011	.....	.0002	.0397	291
.0154	.0722	.0147	.0029	.....	.0008	.1060	292
.0270	.1264	.0257	.0051	.....	.0013	.1855	293
.0179	.1840	.0263	.0174	.0014	.....	.2470	294
.0617	.2889	.0588	.0115	.....	.0030	.4239	295
.0266	.1588	.0261	.....	.....	.....	.2115	296
.0798	.4765	.0782	.....	.....	.....	.6345	297
.0044	.0450	.0064	.0043	.0003	.....	.0604	298
.2020	1.1833	.0647	.1647	.0004	.0075	1.6226	299
.2203	1.2908	.0706	.1797	.0004	.0083	1.7701	300
.0931	.5559	.0913	.....	.....	.....	.7403	301
.0990	.9916	.0537	.....	.....	.0025	1.1468	302
.1119	.7918	.0762	.1473	.0256	.....	1.1528	303
.1870	.8856	.0747	.0620	.0197	.0054	1.2344	304
.2030	1.6390	.1662	.0717	.0432	.....	2.1231	305
.1168	.6070	.0317	.1413	.....	.0008	.8976	306
.1472	.6970	.0588	.0483	.0155	.0042	.9715	307
.0924	.9248	.0501	.....	.....	.0023	1.0696	308
.0463	.2167	.0441	.0087	.....	.0022	.3180	309
.0303	.1445	.0294	.0058	.....	.0015	.2120	310
.1091	.5166	.0436	.0362	.0115	.0031	.7201	311
.0409	.6709	.0543	.0910	.....	.....	.8571	312
.1057	.6303	.0317	.....	.....	.....	.7677	313
.0909	.4721	.0247	.1099	.....	.0006	.6982	314
.0490	.4573	.0462	.0658	.0189	.0180	.6552	315
.0382	.6262	.0507	.0849	.....	.....	.8000	316
.0931	.5559	.0913	.....	.....	.....	.7403	317
.1171	.5662	.0803	.....	.....	.0166	.7802	318
.1037	.6314	.0744	.0064	.....	.....	.8159	319
.0974	.6184	.0241	.0242	.0096	.0035	.7772	320
.0888	.7171	.0727	.0314	.0189	.....	.9289	321
.1144	.6045	.0586	.0556	.0144	.....	.8475	322
.0784	.7506	.0860	.....	.....	.....	.9150	323
.0526	.5442	.0345	.0665	.0062	.0010	.7050	324
.0540	.2528	.0515	.0101	.....	.0026	.3710	325
.1338	.6471	.0917	.....	.....	.0190	.8916	326
.0540	.2528	.0515	.0101	.....	.0026	.3710	327
.0926	.4334	.0882	.0173	.....	.0044	.6359	328
.0480	.2868	.0471	.....	.....	.....	.3819	329
.0617	.2889	.0588	.0115	.....	.0030	.4239	330
.2203	1.2908	.0706	.1797	.0004	.0083	1.7701	331
.2203	1.2908	.0706	.1797	.0004	.0083	1.7701	332
.0834	.8593	.1138	.0297	.....	.....	1.0862	333
.1523	1.2293	.1246	.0538	.0324	.....	1.5924	334
.0193	.0903	.0184	.0036	.....	.0009	.1325	335
.0270	.1264	.0257	.0051	.....	.0013	.1855	336
.0386	.1806	.0368	.0072	.....	.0018	.2650	337
.0771	.3612	.0735	.0144	.....	.0037	.5299	338
.1311	.6140	.1250	.0245	.....	.0063	.9009	339
.3085	1.4447	.2941	.0576	.....	.0148	2.1197	340
.0231	.1084	.0221	.0043	.....	.0011	.1590	341
.0193	.0903	.0184	.0036	.....	.0009	.1325	342
.0540	.2528	.0515	.0101	.....	.0026	.3710	343
.0545	.8946	.0724	.1213	.....	.....	1.1428	344
.0655	1.0735	.0868	.1456	.....	.....	1.3714	345
.1851	.8668	.1765	.0346	.....	.0088	1.2718	346
.1038	.5396	.0282	.1256	.....	.0007	.7979	347
.0831	.8324	.0450	.....	.....	.0021	.9626	348
.1142	.9220	.0935	.0403	.0243	.....	1.1943	349
.1516	.8013	.0777	.0736	.0190	.....	1.1232	350
.1330	.7942	.1303	.....	.....	.....	1.0575	351
.1559	.7380	.0623	.0516	.0164	.0045	1.0287	352
.1168	.6070	.0317	.1413	.....	.0008	.8976	353
.1252	.7951	.0309	.0311	.0123	.0046	.9992	354
.0924	.9248	.0501	.....	.....	.0023	1.0696	355
.0657	.6802	.0432	.0832	.0077	.0013	.8813	356
.1448	.8648	.1419	.....	.....	.....	1.1515	357
.1697	.8036	.0678	.0563	.0178	.0049	1.1201	358
.1396	1.1268	.1143	.0493	.0297	.....	1.4597	359
.1798	.9500	.0921	.0373	.0226	.....	1.3318	360

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE GROSS OF BOTTLES.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain. Insurance, interest, depreciation of value of plant, charges for freight of product to place of free delivery, and expenditures for packing-boxes are not included.]

Product number.	Establishment number.	Materials.	All labor except blowing.	Blowing labor.	Officials and clerks.	Supplies and repairs.	Fuel.	Taxes.	Total.
1	19	$0.8351	$0.8034	$1.3600	$0.2117	$0.1361	$0.0113	$0.0110	$3.3686
2	18	1.1655	1.0404	1.5600	.1103	.3026	.2225	.0067	4.4080
3	19	1.1930	1.1477	1.7325	.3024	.1944	.0162	.0157	4.6019
4	16	2.2257	3.0327	2.1340	.6407	.2744	1.5747	.1603	10.0425
5	19	2.9826	2.8692	2.8100	.7560	.4860	.0405	.0392	9.9835
6	19	1.5509	1.4920	1.6675	.3931	.2527	.0227	.0204	5.3977
7	19	1.6703	1.6067	1.7325	.4233	.2722	.0227	.0219	5.7496
8	19	1.5509	1.4920	1.7900	.3931	.2527	.0211	.0204	5.5202
9	9	.9143	1.0238	1.1070	.1981	.1077	.3332	.0042	3.6883
10	9	1.7142	1.9197	1.7710	.3715	.2020	.6248	.0078	6.6110
11	13	.7931	.8266	1.2100	.0991	.1274	.3865	.0138	3.4565
12	25	.9447	.7892	1.3000	.0813	.1632	.2507	.0517	3.5808
13	1	.7979	.8264	1.3399	.0562	.0773	.1487	.0039	3.2503
14	12	.8557	.9033	1.0296	.0655	.1276	.2844	.0135	3.2796
15	15	.8916	1.0305	1.2700	.0984	.0947	.3927	.0340	3.8119
16	20	.7050	.4957	1.2972	.0772	.0495	.1897	.0138	2.8281
17	21	.3882	.7623	1.3400	.1697	.1493	.2487	.0151	3.5733
18	23	.8384	1.5153	1.3264	.3888	.1935	.4457	.0720	4.7801
19	24	.8230	.8905	1.2900	.1042	.0729	.1132	.0285	3.3223
20	28	.9697	.7713	1.3800	.1161	.2641	.4148	.0020	3.9180
21	7	1.0167	1.0818	1.2200	.2885	.3173	.6012	.0115	4.5370
22	22	1.4154	1.1512	1.3200	.2063	.2051	.4971	.0013	4.8864
23	15	1.3932	1.6101	1.5800	.1537	.1480	.6136	.0531	5.5517
24	24	1.2859	1.3914	1.6100	.1629	.1138	.1769	.0445	4.7854
25	6	1.2168	1.0151	1.7820	.1879	.1551	.5008	.0445	4.9022
26	25	1.6375	1.3680	1.6700	.1409	.2829	.4345	.0896	5.6234
27	1	1.3963	1.4462	1.7241	.0983	.1353	.2603	.0068	5.0673
28	14	1.3825	1.7262	1.7900	.2593	.2502	.3856	.0376	5.8314
29	20	1.2338	.8674	1.7550	.1350	.0867	.3319	.0242	4.4340
30	21	1.5543	1.3341	1.7300	.2968	.2613	.4352	.0265	5.6382
31	27	1.6950	1.3071	1.9800	.1751	.2376	.6280	.0101	6.0329
32	22	1.9905	1.6189	1.8400	.4166	.2884	.6990	.0019	6.8553
33	12	1.7113	1.8066	1.6632	.1310	.2552	.5688	.0271	6.1632
34	27	1.9371	1.4939	2.4800	.2002	.2716	.7177	.0115	7.1120
35	1	.6982	.7231	1.2368	.0491	.0677	.1302	.0034	2.9085
36	5	.6537	.3932	1.1900	(a)	.1345	.2342	.0180	2.6236
37	6	.6552	.5466	1.3200	.1012	.0835	.2697	.0239	3.0001
38	12	.7487	.7904	1.1440	.0573	.1116	.2489	.0119	3.1128
39	16	.7419	1.0109	1.2150	.2136	.0915	.5249	.0534	3.8512
40	19	.8351	.8034	1.2350	.2117	.1361	.0113	.0110	3.2436
41	20	.6169	.4337	1.2400	.0675	.0434	.1659	.0121	2.5795
42	21	.7772	.6670	1.2400	.1484	.1307	.2176	.0132	3.1941
43	24	.7201	.7792	1.2400	.0912	.0638	.0990	.0249	3.0182
44	26	1.0326	.5456	1.1880	.1793	.1842	.1367	.0021	3.2685
45	25	.9447	.7892	1.2400	.0813	.1632	.2507	.0517	3.5208
46	2	.8310	.5400	1.2100	.1403	.2409	.2002	.0099	3.1723
47	27	.9686	.7469	1.2900	.1001	.1358	.3588	.0058	3.6060
48	19	.8351	.8034	1.3600	.2117	.1361	.0113	.0110	3.3686
49	26	1.0326	.5456	1.3068	.1793	.1842	.1367	.0021	3.3873
50	1	1.1969	1.2396	1.4805	.0843	.1160	.2231	.0058	4.3462
51	2	1.2465	.8100	1.4700	.2104	.3614	.3002	.0149	4.4134
52	5	1.1206	.6741	1.4300	(a)	.2305	.4015	.0309	3.8876
53	6	1.1232	.9370	1.5840	.1735	.1432	.4622	.0410	4.4641
54	12	1.2835	1.3549	1.6280	.0983	.1914	.4266	.0203	5.0030
55	18	1.3986	1.2485	1.5840	.1324	.3631	.2670	.0080	5.0016
56	20	1.0575	.7435	1.4900	.1158	.0743	.2845	.0207	3.7863
57	21	1.3323	1.1435	1.4900	.2545	.2240	.3730	.0227	4.8400
58	24	1.2344	1.3358	1.4900	.1564	.1093	.1698	.0427	4.5384
59	25	1.5116	1.2627	1.4900	.1300	.2612	.4011	.0827	5.1393
60	27	1.4528	1.1204	1.7000	.1501	.2037	.5383	.0086	5.1739
61	19	1.3919	1.3389	1.6100	.3528	.2268	.0189	.0183	4.9576
62	19	.9279	.8926	1.3000	.2352	.1512	.0126	.0122	3.5317
63	16	.8479	1.1553	1.2600	.2441	.1045	.5999	.0611	4.2723
64	16	1.5898	2.1662	1.8440	.4577	.1960	1.1248	.1145	7.4930
65	26	1.3276	.7014	1.4274	.2305	.2368	.1758	.0028	4.1023
66	19	1.1930	1.1477	1.6100	.3024	.1944	.0162	.0157	4.4794
67	26	1.4751	.7794	1.5444	.2561	.2632	.1953	.0031	4.5166
68	16	1.0599	1.4441	1.4600	.3051	.1307	.7499	.0763	5.2260
69	16	.2120	.2888	.6642	.0610	.0261	.1500	.0153	1.4174

a The clerical work was performed by the proprietor of the establishment.

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE GROSS OF BOTTLES—Continued.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain. Insurance, interest, depreciation of value of plant, charges for freight of product to place of free delivery, and expenditures for packing-boxes are not included.]

Product number.	Establishment number.	Materials.	All labor except blowing.	Blowing labor.	Officials and clerks.	Supplies and repairs.	Fuel.	Taxes.	Total.
70	26	$1.4751	$0.7794	$1.3068	$0.2561	$0.2632	$0.1953	$0.0031	$4.2790
71	23	1.0945	1.9783	1.6371	.5076	.2527	.5819	.0940	6.1461
72	1	1.0971	1.1363	1.4805	.0772	.1063	.2045	.0054	4.1073
73	12	1.1765	1.2421	1.2672	.0901	.1754	.3911	.0186	4.3610
74	21	1.2213	1.0482	1.4900	.2332	.2053	.3420	.0208	4.5608
75	27	1.3318	1.0270	1.5800	.1376	.1867	.4934	.0080	4.7645
76	27	1.4528	1.1204	1.6900	.1501	.2037	.5383	.0086	5.1639
77	24	.7715	.8349	1.6000	.0978	.0683	.1061	.0267	3.5053
78	23	1.1528	2.0835	1.6371	.5346	.2661	.6128	.0990	6.3859
79	26	.4425	.2338	1.0098	.0768	.0790	.0586	.0009	1.9014
80	15	a .0588	a .0680	a .1025	a .0065	a .0063	a .0259	a .0022	a .2702
81	23	a .0640	a .1158	a .1066	a .0297	a .0148	a .0340	a .0055	a .3704
82	16	.2650	.3610	.7371	.0763	.0327	.1874	.0191	1.6786
83	16	.5034	.6860	.9467	.1449	.0621	.3562	.0362	2.7355
84	26	.5900	.3118	.8316	.1025	.1053	.0781	.0012	2.0205
85	19	.9544	.9182	1.3600	.2419	.1555	.0130	.0125	3.6555
86	21	.4441	.3812	1.1790	.0848	.0747	.1243	.0076	2.2957
87	26	1.6964	.8963	1.4256	.2946	.3026	.2246	.0035	4.8436
88	26	1.7701	.9353	1.4850	.3074	.3158	.2343	.0037	5.0516
89	26	1.8439	.9742	1.5444	.3202	.3290	.2441	.0038	5.2596
90	26	1.9176	1.0132	1.6038	.3330	.3421	.2539	.0040	5.4676
91	26	2.0651	1.0912	1.6632	.3586	.3684	.2734	.0043	5.8242
92	26	1.9176	1.0132	1.7226	.3330	.3421	.2539	.0040	5.5864
93	26	2.0651	1.0912	1.7820	.3586	.3684	.2734	.0043	5.9430
94	19	.9279	.8926	1.4200	.2352	.1512	.0126	.0122	3.6517
95	26	1.1801	.6235	1.3662	.2049	.2105	.1562	.0025	3.7439
96	19	.9279	.8926	1.3000	.2352	.1512	.0126	.0122	3.5317
97	26	1.1801	.6235	1.2474	.2049	.2105	.1562	.0025	3.6251
98	16	.6359	.8665	1.1200	.1831	.0784	.4499	.0458	3.3796
99	27	.7264	.5602	.9000	.0751	.1019	.2691	.0043	2.6370
100	16	.8479	1.1553	1.2600	.2441	.1045	.5999	.0611	4.2728
101	16	.6359	.8665	1.0680	.1831	.0784	.4499	.0458	3.3276
102	16	.5299	.7221	1.0200	.1526	.0653	.3749	.0382	2.9030
103	16	.6359	.8665	1.1200	.1831	.0784	.4499	.0458	3.3796
104	16	.6359	.8665	1.1664	.1831	.0784	.4499	.0458	3.4260
105	25	.3779	.3157	.8600	.0325	.0653	.1002	.0207	1.7723
106	25	2.0154	1.6837	2.1500	.1734	.3482	.5348	.1103	7.0158
107	25	b .0210	b .0175	b .0210	b .0018	b .0036	b .0056	b .0012	b .0717
108	25	b .0350	b .0292	b .0270	b .0030	b .0061	b .0093	b .0019	b .1115
109	16	.7419	1.0109	1.2150	.2136	.0915	.5249	.0534	3.8512
110	16	.7419	1.0109	1.1664	.2136	.0915	.5249	.0534	3.8026
111	16	1.1658	1.5886	1.5600	.3356	.1437	.8249	.0840	5.7026
112	16	2.1197	2.8883	2.6267	.6102	.2614	1.4998	.1526	10.1587
113	16	.3710	.5054	.8100	.1068	.0457	.2625	.0267	2.1281
114	28	.4243	.3374	.7200	.0508	.1155	.1815	.0009	1.8304
115	13	.3936	.4102	.8100	.0492	.0633	.1918	.0068	1.9249
116	22	.5308	.4317	.8400	.1111	.0769	.1864	.0005	2.1774
117	14	.4114	.5137	.8300	.0772	.0745	.1147	.0112	2.0327
118	27	.5448	.4201	.7600	.0563	.0764	.2619	.0032	2.0627
119	26	.5163	.2728	.7425	.0896	.0921	.0684	.0011	1.7828
120	16	.3180	.4332	.7440	.0915	.0392	.2250	.0229	1.8738
121	26	.5163	.2738	.6534	.0896	.0921	.0684	.0011	1.6937
122	13	.5287	.5511	.9700	.0661	.0849	.2577	.0092	2.4677
123	22	.7298	.5936	1.0000	.1528	.1057	.2563	.0007	2.8389
124	27	.6659	.5135	.9900	.0688	.0933	.2467	.0040	2.5822
125	28	.7003	.5570	.9500	.0838	.1907	.2996	.0015	2.7829
126	14	.5925	.7398	1.1000	.1111	.1073	.1652	.0161	2.8320
127	26	.8851	.4676	1.0125	.1537	.1579	.1172	.0018	2.7958
128	16	.5299	.7221	.9720	.1526	.0653	.3749	.0382	2.8550
129	26	.8851	.4676	.8910	.1537	.1579	.1172	.0018	2.6743
130	14	.8229	1.0275	1.4400	.1544	.1489	.2295	.0224	3.8456
131	27	1.0291	.7936	1.2900	.1063	.1443	.3813	.0061	3.7507
132	13	.9517	.9919	1.3600	.1189	.1530	.4638	.0165	4.0558
133	28	1.0909	.8677	1.4800	.1306	.2971	.4667	.0023	4.3353
134	22	1.3270	1.0793	1.5600	.2777	.1922	.4660	.0013	4.9035
135	26	1.2538	.6625	1.3068	.2177	.2237	.1660	.0026	3.8331
136	16	.9539	1.2997	1.2600	.2746	.1176	.6749	.0687	4.6494

a Per single carboy.
b Per single demijohn.

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE GROSS OF BOTTLES—Continued.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain. Insurance, interest, depreciation of value of plant, charges for freight of product to place of free delivery, and expenditures for packing-boxes are not included.]

Product number.	Establishment number.	Materials.	All labor except blowing.	Blowing labor.	Officials and clerks.	Supplies and repairs.	Fuel.	Taxes.	Total.
137	26	$1.2538	$0.6625	$1.1880	$0.2177	$0.2237	$0.1660	$0.0026	$3.7143
138	16	.1059	.1444	.5346	.0305	.0131	.0750	.0076	.9111
139	16	.1855	.2527	.6075	.0534	.0229	.1312	.0133	1.2665
140	8	.1844	.2495	.3700	.0278	.0450	.1007	.0034	.9808
141	8	.2304	.3119	.4600	.0348	.0563	.1258	.0043	1.2235
142	8	.3226	.4366	.5900	.0487	.0788	.1761	.0060	1.6588
143	8	.5889	.7970	.9000	.0889	.1438	.3215	.0110	2.8511
144	19	1.3720	1.3198	1.3500	.3478	.2236	.0186	.0180	4.6498
145	10	1.0057	1.1392	1.1100	a.1011	.3249	.6113	.0533	4.3455
146	19	.7158	.6886	.7850	.1815	.1166	.0097	.0094	2.5066
147	19	.8948	.8607	1.0100	.2268	.1458	.0122	.0117	3.1620
148	19	1.4317	1.3772	1.3500	.3629	.2333	.0194	.0188	4.7933
149	17	.4951	.3820	.7900	.0451	.0796	.1523	.0088	1.9529
150	16	.5299	.7221	.6804	.1526	.0653	.3749	.0382	2.5634
151	18	.5828	.5202	b.8000	.0552	.1513	.1112	.0033	b 2.2240
152	20	.4406	.3098	.7900	.0482	.0310	.1185	.0087	1.7468
153	25	.6928	.5787	.7900	.0596	.1197	.1839	.0379	2.4626
154	4	.4064	.5729	.6636	.0862	.2726	.2852	.0172	2.3041
155	19	.6628	.6376	.7850	.1680	.1080	.0090	.0087	2.3791
156	3	.8807	.5933	.7350	.2195	.1246	(c)	.0097	2.5628
157	4	.5121	.7219	.8532	.1086	.3435	.3593	.0217	2.9203
158	17	.8664	.6684	1.0200	.0790	.1393	.2665	.0154	3.0550
159	18	.8159	.7283	b 1.0000	.0772	.2118	.1557	.0047	b 2.9936
160	20	.6169	.4337	1.0152	.0675	.0434	.1659	.0121	2.3547
161	3	1.1074	.7460	.9450	.2760	.1567	(c)	.0122	3.2433
162	19	.8616	.8289	1.0100	.2184	.1404	.0117	.0113	3.0823
163	17	1.2377	.9549	1.3500	.1129	.1991	.3807	.0219	4.2572
164	4	.7722	1.0885	1.1376	.1638	.5179	.5419	.0327	4.2546
165	20	.9694	.6815	1.3576	.1061	.0681	.2608	.0190	3.4625
166	3	1.7440	1.1748	1.2600	.4346	.2468	(c)	.0192	4.8794
167	18	1.3403	1.1965	b 1.3000	.1269	.3480	.2558	.0077	b 4.5752
168	25	1.5116	1.2627	1.3500	.1300	.2612	.4011	.0827	4.9993
169	21	.4441	.3812	.8700	.0848	.0747	.1243	.0076	1.9867
170	10	.5028	.5696	.6500	a.0506	.1624	.3056	.0267	2.2677
171	1	.6982	.7231	1.0120	.0491	.0677	.1302	.0034	2.6837
172	18	.8159	.7283	1.2650	.0772	.2118	.1557	.0047	3.2586
173	21	.7772	.6670	1.0150	.1484	.1307	.2176	.0132	2.9691
174	25	.8818	.7366	1.4300	.0758	.1523	.2340	.0483	3.5588
175	4	.5283	.7448	1.2008	.1121	.3544	.3708	.0223	3.3335
176	19	.8616	.8289	1.4200	.2184	.1404	.0117	.0113	3.4923
177	3	1.2557	.8459	1.3300	.3129	.1777	(c)	.0138	3.9360
178	6	.7488	.6247	1.0800	.1156	.0955	.3081	.0274	3.0001
179	10	.6705	.7594	.8300	a.0674	.2166	.4075	.0356	2.9870
180	12	.8557	.9033	1.6896	.0655	.1276	.2844	.0135	3.9396
181	20	.7050	.4957	1.4664	.0772	.0495	.1897	.0138	2.9973
182	7	.9828	1.0457	.9700	.2788	.3067	.5811	.0112	4.1763
183	24	.8687	.9400	1.4600	.1100	.0769	.1195	.0301	3.6052
184	1	1.0971	1.1363	1.3493	.0772	.1063	.2045	.0054	3.9761
185	12	1.1765	1.2421	2.3232	.0901	.1754	.3911	.0186	5.4170
186	20	.9694	.6815	1.9176	.1061	.0681	.2668	.0190	4.0225
187	21	1.2213	1.0482	1.3530	.2332	.2053	.3410	.0208	4.4238
188	18	1.3403	1.1965	1.7650	.1269	.3480	.2558	.0077	5.0402
189	4	.8535	1.2031	1.6669	.1810	.5725	.5989	.0361	5.1120
190	19	1.3919	1.3389	1.9750	.3528	.2268	.0189	.0183	5.3226
191	6	1.1232	.9370	1.4400	.1735	.1432	.4622	.0410	4.3201
192	24	1.2344	1.3358	1.9600	.1564	.1093	.1698	.0427	5.0684
193	7	1.5250	1.6227	1.3000	.4327	.4759	.8018	.0173	6.2754
194	25	1.6375	1.3680	1.9800	.1409	.2829	.4345	.0896	5.9334
195	26	1.1801	.6235	1.1880	.2049	.2105	.1562	.0025	3.5657
196	26	2.3602	1.2470	2.0196	.4098	.4211	.3125	.0049	6.7751
197	25	.2519	.2104	.7400	.0217	.0435	.0669	.0138	1.3482
198	25	.3779	.3157	.8600	.0325	.0653	.1002	.0207	1.7723
199	19	.4772	.4591	.8600	.1209	.0778	.0065	.0063	2.0078
200	16	.0397	.0542	.5103	.0114	.0049	.0281	.0029	.6515

a The amount above reported is based upon 10 per cent. of the entire expenditure for officials and clerks, the remaining 90 per cent. being apportioned to the window glass department of the same establishment.

b Including $0.1000 for blow-over labor.

c The natural gas used as fuel was donated.

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE GROSS OF BOTTLES—Continued.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain. Insurance, interest, depreciation of value of plant, charges for freight of product to place of free delivery, and expenditures for packing-boxes are not included.]

Product number.	Establishment number.	Materials.	All labor except blowing.	Blowing labor.	Officials and clerks.	Supplies and repairs.	Fuel.	Taxes.	Total.
201	11	$0.6917	$0.6110	$0.6700	$0.0979	$0.1839	$0.4351	$0.0062	$2.6958
202	25	.8187	.6840	1.2400	.0704	.1415	.2173	.0448	3.2167
203	11	1.1858	1.0474	.9700	.1678	.3154	.7458	.0106	4.4428
204	25	1.2596	1.0523	1.4900	.1084	.2176	.3343	.0689	4.5311
205	16	1.0599	1.4441	1.3600	.3051	.1307	.7499	.0763	5.1260
206	16	1.1658	1.5886	1.4600	.3356	.1437	.8249	.0840	5.6026
207	19	1.7896	1.7215	1.8000	.4536	.2916	.0243	.0235	6.1041
208	19	.8351	.8034	1.2350	.2117	.1361	.0113	.0110	3.2436
209	26	1.0326	.5456	1.3068	.1793	.1842	.1367	.0021	3.3873
210	19	.8948	.8607	1.3600	.2268	.1458	.0122	.0117	3.5120
211	19	.9544	.9182	1.3600	.2419	.1555	.0130	.0125	3.6555
212	16	.9539	1.2997	1.3600	.2746	.1176	.6749	.0687	4.7494
213	26	2.2126	1.1691	1.9008	.3842	.3947	.2930	.0046	6.3590
214	20	.9694	.6815	1.4900	.1061	.0681	.2608	.0190	3.5949
215	24	1.1316	1.2244	1.4800	.1434	.1002	.1556	.0392	4.2744
216	1	1.1969	1.2396	1.4805	.0843	.1160	.2231	.0058	4.3462
217	12	1.2835	1.3549	1.6280	.0983	.1914	.4266	.0203	5.0030
218	30	.3494	.6643	.3400	.0794	.1411	.2925	.0156	1.8823
219	29	.2951	.6107	.3447	.0702	.1150	.1653	.0139	1.6149
220	29	.4637	.9597	.3447	.1103	.1807	.2598	.0218	2.3407
221	30	.5491	1.0439	.3400	.1247	.2218	.4596	.0245	2.7636
222	26	2.2126	1.1691	1.6632	.3842	.3947	.2930	.0046	6.1214
223	26	1.1063	.5846	1.3662	.1921	.1973	.1465	.0023	3.5953
224	25	.5038	.4209	.7200	.0433	.0871	.1337	.0276	1.9364
225	16	.3710	.5054	.8280	.1068	.0457	.2625	.0267	2.1461
226	19	2.3861	2.2954	1.8000	.6048	.3888	.0324	.0313	7.5388
227	18	2.3310	2.0808	1.8200	.2207	.6052	.4449	.0133	7.5159
228	16	2.2257	3.0327	1.5552	.6407	.2744	1.5747	.1603	9.4637
229	26	.7376	.3897	1.0692	.1281	.1316	.0976	.0015	2.5553
230	26	1.0326	.5456	1.0098	.1793	.1842	.1367	.0021	3.0903
231	26	1.7701	.9353	1.1880	.3074	.3158	.2343	.0037	4.7546
232	16	.1590	.2166	.5700	.0458	.0196	.1125	.0114	1.1349
233	16	.2120	.2888	.6400	.0610	.0261	.1500	.0153	1.3932
234	11	.3459	.3055	.5000	.0489	.0920	.2175	.0031	1.5129
235	16	.5829	.7943	1.0200	.1678	.0719	.4124	.0420	3.0913
236	16	.6359	.8665	1.1200	.1831	.0784	.4499	.0458	3.3796
237	14	.3456	.4315	.8800	.0648	.0626	.0964	.0094	1.8903
238	27	.5448	.4201	.8100	.0563	.0764	.2019	.0032	2.1127
239	14	.5925	.7398	1.2100	.1111	.1073	.1652	.0161	2.9420
240	27	.7264	.5602	.9000	.0751	.1019	.2691	.0043	2.6370
241	27	1.0896	.8403	1.3900	.1126	.1527	.4037	.0065	3.9954
242	14	.9875	1.2330	1.6600	.1852	.1788	.2754	.0268	4.5467
243	16	1.0599	1.4441	1.4600	.3051	.1307	.7499	.0763	5.2260
244	14	.5925	.7398	1.2100	.1111	.1073	.1652	.0161	2.9420
245	16	.5299	.7221	.9710	.1526	.0653	.3749	.0382	2.8540
246	27	.6059	.5135	.7600	.0688	.0933	.2167	.0040	2.3522
247	8	.5121	.6930	.7500	.0773	.1250	.2796	.0096	2.4466
248	14	.5925	.7398	1.1000	.1111	.1073	.1652	.0161	2.8320
249	14	.8229	1.0275	1.4400	.1544	.1489	.2295	.0224	3.8456
250	16	.9009	1.2275	1.3122	.2593	.1111	.6374	.0649	4.5133
251	27	1.0291	.7936	1.2900	.1063	.1443	.3813	.0061	3.7507
252	8	.8194	1.1088	1.0100	.1237	.2000	.4474	.0153	3.7246
253	22	1.4597	1.1872	1.6100	.3055	.2115	.5126	.0014	5.2879
254	16	1.1658	1.5886	1.5600	.3356	.1437	.8249	.0840	5.7026
255	8	1.2803	1.7325	1.2700	.1932	.3125	.6990	.0240	5.5115
256	8	1.7924	2.4255	2.0800	.2705	.4375	.9786	.0336	8.0181
257	26	4.7203	2.4941	3.8016	.8196	.8421	.6250	.0098	13.3125
258	13	.1057	.1102	.5500	.0132	.0170	.0515	.0019	.8495
259	11	.1263	.1115	.3500	.0179	.0336	.0794	.0011	.7198
260	16	.1855	.2527	.6240	.0534	.0229	.1312	.0133	1.2830
261	19	.2386	.2295	.6550	.0605	.0389	.0032	.0031	1.2288
262	11	.2251	.1988	.4300	.0318	.0599	.1416	.0020	1.0892
263	8	.2304	.3119	.4700	.0348	.0563	.1258	.0043	1.2335
264	8	.3226	.4366	.6500	.0487	.0788	.1761	.0060	1.7188
265	19	.4772	.4591	.9900	.1209	.0778	.0065	.0063	2.1378
266	19	.7158	.6886	1.1750	.1815	.1166	.0097	.0094	2.8966
267	26	.8851	.4676	1.1286	.1537	.1579	.1172	.0018	2.9119
268	19	.8351	.8034	1.3000	.2117	.1361	.0113	.0110	3.3086
269	16	.8479	1.1553	1.3122	.2441	.1045	.5999	.0611	4.3250
270	19	.9544	.9182	1.4200	.2419	.1555	.0130	.0125	3.7155

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE GROSS OF BOTTLES—Continued.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain. Insurance, interest, depreciation of value of plant, charges for freight of product to place of free delivery, and expenditures for packing-boxes are not included.]

Product number.	Establishment number.	Materials.	All labor except blowing.	Blowing labor.	Officials and clerks.	Supplies and repairs.	Fuel.	Taxes.	Total.
271	16	$0.2385	$0.3249	$0.6900	$0.0686	$0.0294	$0.1687	$0.0172	$1.5373
272	16	.3180	.4332	.7857	.0915	.0392	.2250	.0229	1.9155
273	16	.2915	.3971	.7680	.0839	.0359	.2062	.0210	1.8056
274	16	.3444	.4694	.8910	.0991	.0425	.2437	.0248	2.1149
275	16	1.2718	1.7330	1.6000	.3661	.1568	.8999	.0916	6.1192
276	16	.6359	.8665	1.1664	.1831	.0784	.4499	.0458	3.4260
277	16	.1590	.2166	.5400	.0458	.0196	.1125	.0114	1.1049
278	16	1.2718	1.7330	1.8000	.3661	.1568	.8999	.0916	6.3192
279	21	.3886	.3335	.7700	.0742	.0654	.1088	.0066	1.7471
280	6	.4680	.3904	1.0560	.0723	.0597	.1926	.0171	2.2561
281	6	.6552	.5466	1.3200	.1012	.0835	.2697	.0239	3.0001
282	21	.5551	.4765	.9900	.1060	.0933	.1554	.0095	2.3858
283	21	.7772	.6670	1.2400	.1484	.1307	.2176	.0132	3.1941
284	21	1.2213	1.0482	1.9850	.2332	.2053	.3420	.0208	5.0558
285	26	.9588	.5066	.8316	.1665	.1711	.1269	.0020	2.7635
286	6	1.0296	.8589	2.1120	.1590	.1313	.4237	.0376	4.7521
287	6	1.4040	1.1713	3.4320	.2168	.1790	.5778	.0513	7.0322
288	21	1.6654	1.4294	3.2300	.3181	.2800	.4663	.0283	7.4175
289	6	1.6848	1.4055	3.9600	.2602	.2148	.6934	.0615	8.2802
290	21	1.9984	1.7153	3.7700	.3817	.3360	.5595	.0340	8.7949
291	16	.0397	.0542	.4950	.0114	.0049	.0281	.0029	.6362
292	16	.1060	.1444	.5280	.0305	.0131	.0750	.0076	.9046
293	16	.1855	.2527	.6075	.0534	.0229	.1312	.0133	1.2665
294	11	.2470	.2182	.4300	.0350	.0657	.1554	.0022	1.1535
295	16	.4239	.5777	.8760	.1220	.0523	.3000	.0305	2.3824
296	13	.2115	.2204	.6600	.0264	.0340	.1030	.0037	1.2590
297	13	.6345	.6613	1.0700	.0793	.1019	.3092	.0110	2.8672
298	11	.0604	.0533	.3000	.0085	.0161	.0380	.0005	.4768
299	26	1.6226	.8574	1.4202	.2817	.2895	.2148	.0034	4.6896
300	26	1.7701	.9353	1.4256	.3074	.3158	.2343	.0037	4.9922
301	13	.7403	.7715	1.0600	.0925	.1189	.3607	.0129	3.1568
302	12	1.1468	1.2107	1.2672	.0878	.1710	.3812	.0181	4.2828
303	23	1.1528	2.0835	1.6371	.5346	.2661	.6138	.0990	6.3859
304	24	1.2344	1.3358	1.6200	.1564	.1093	.1698	.0427	4.6684
305	22	2.1231	1.7269	1.8400	.4444	.3076	.7456	.0020	7.1896
306	1	.8976	.9297	1.4149	.0632	.0870	.1673	.0044	3.5641
307	24	.9715	1.0513	1.4100	.1231	.0860	.1336	.0337	3.8092
308	12	1.0696	1.1291	1.1880	.0819	.1595	.3555	.0169	4.0005
309	16	.3180	.4332	.7500	.0915	.0392	.2250	.0229	1.8798
310	16	.2120	.2888	.6300	.0610	.0261	.1500	.0153	1.3832
311	24	.7201	.7792	1.2100	.0912	.0638	.0990	.0249	2.9882
312	9	.8571	.9599	1.1070	.1857	.1010	.3124	.0039	3.5270
313	28	.7677	.6106	1.2900	.0919	.2091	.3284	.0016	3.2993
314	1	.6982	.7231	1.2556	.0491	.0677	.1302	.0034	2.9273
315	6	.6552	.5466	1.3200	.1012	.0835	.2697	.0239	3.0001
316	9	.8000	.8959	1.0620	.1734	.0942	.2916	.0036	3.3207
317	13	.7403	.7715	1.1700	.0925	.1189	.3607	.0129	3.2668
318	15	.7802	.9017	1.1800	.0861	.0829	.3436	.0297	3.4042
319	18	.8159	.7283	1.3200	.0772	.2118	.1557	.0047	3.3136
320	21	.7772	.6670	1.2400	.1484	.1307	.2176	.0132	3.1941
321	22	.9289	.7555	1.2100	.1944	.1346	.3262	.0009	3.5505
322	27	.8475	.6536	1.2000	.0876	.1788	.3140	.0050	3.2265
323	7	.9150	.9736	1.1100	.2596	.2855	.5411	.0104	4.0952
324	20	.7050	.4957	1.2972	.0772	.0495	.1897	.0138	2.8281
325	16	.3710	.5054	.8350	.1068	.0457	.2625	.0267	2.1731
326	15	.8916	1.0305	a .2000	.0984	.0947	.3927	.0340	2.7419
327	16	.3710	.5054	.8100	.1068	.0457	.2625	.0267	2.1281
328	16	.6359	.8665	1.0680	.1831	.0784	.4499	.0458	3.3276
329	13	.3819	.3980	.8300	.0477	.0614	.1861	.0066	1.9117
330	16	.4239	.5777	.9233	.1220	.0523	.3000	.0305	2.4297
331	26	1.7701	.9353	1.3068	.3074	.3158	.2343	.0037	4.8734
332	26	1.7701	.9353	1.4256	.3074	.3158	.2343	.0037	4.9922
333	14	1.0862	1.3563	1.8400	.2038	.1966	.3029	.0295	5.0153
334	22	1.5924	1.2951	1.7100	.3333	.2307	.5592	.0015	5.7222
335	16	.1325	.1805	.5760	.0381	.0163	.0937	.0096	1.0467
336	16	.1855	.2527	.6480	.0534	.0229	.1312	.0133	1.3070
337	16	.2650	.3610	.7286	.0763	.0327	.1874	.0191	1.6701
338	16	.5299	.7221	1.0200	.1526	.0653	.3749	.0382	2.9030
339	16	.9009	1.2275	1.3600	.2593	.1111	.6374	.0649	4.5611
340	16	2.1197	2.8883	2.7200	.6102	.2614	1.4998	.1526	10.2520

a Pressing labor.

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

L.—ELEMENTS OF COST IN ONE GROSS OF BOTTLES—Concluded.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain. Insurance, interest, depreciation of value of plant, charges for freight of product to place of free delivery, and expenditures for packing-boxes are not included.]

Product number.	Establishment number.	Materials.	All labor except blowing.	Blowing labor.	Officials and clerks.	Supplies and repairs.	Fuel.	Taxes.	Total.
341	16	$0.1590	$0.2166	$0.6000	$0.0458	$0.0196	$0.1125	$0.0114	$1.1649
342	16	.1325	.1805	.5520	.0381	.0163	.0937	.0096	1.0227
343	16	.3710	.5054	.8880	.1068	.0457	.2625	.0267	2.2061
344	9	1.1428	1.2798	1.3280	.2477	.1347	.4165	.0652	4.5547
345	9	1.3714	1.5357	1.5050	.2972	.1616	.4998	.0063	5.3770
346	16	1.2713	1.7330	1.6500	.3661	.1568	.8999	.0916	6.1692
347	1	.7979	.8264	1.4149	.0562	.0773	.1487	.0039	3.3253
348	12	.9626	1.0162	1.1088	.0737	.1435	.3200	.0152	3.6400
349	22	1.1943	.9714	1.4000	.2500	.1730	.4194	.0011	4.4092
350	27	1.1232	.8662	1.5800	.1161	.1575	.4161	.0067	4.2658
351	13	1.0575	1.1022	1.2600	.1321	.1699	.5153	.0184	4.2554
352	24	1.0287	1.1131	1.4800	.1303	.0911	.1415	.0356	4.0203
353	1	.8976	.9297	1.4805	.0632	.0870	.1673	.0044	3.6297
354	21	.9992	.8576	1.4900	.1908	.1680	.2798	.0170	4.0024
355	12	1.0696	1.1291	1.1880	.0819	.1595	.3555	.0169	4.0005
356	20	.8813	.6196	1.4900	.0965	.0619	.2370	.0173	3.4036
357	13	1.1515	1.2001	1.5300	.1439	.1850	.5611	.0200	4.7916
358	24	1.1201	1.2121	1.4800	.1419	.0992	.1540	.0388	4.2461
359	22	1.4597	1.1872	1.6100	.3055	.2115	.5126	.0014	5.2879
360	27	1.3318	1.0270	1.5800	.1376	.1867	.4934	.0080	4.7645

TABLE VIII.—COST OF PRODUCTION OF **GREEN GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—SUMMARY OF COST OF ONE GROSS OF BOTTLES.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain. This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
1	19	$0.8351	24.79	$2.1634	64.22	$0.3701	10.99	$3.3686	100
2	18	1.1655	26.44	2.6004	58.99	.6421	14.57	4.4080	100
3	19	1.1930	25.92	2.8802	62.59	.5287	11.49	4.6019	100
4	16	2.2257	22.16	5.1667	51.45	2.6501	26.39	10.0425	100
5	19	2.9826	29.87	5.6792	56.89	1.3217	13.24	9.9835	100
6	19	1.5509	28.73	3.1595	58.54	.6873	12.73	5.3977	100
7	19	1.6703	29.05	3.3392	58.08	.7401	12.87	5.7496	100
8	19	1.5509	28.10	3.2820	59.45	.6873	12.45	5.5202	100
9	9	.9143	24.79	2.1308	57.77	.6432	17.44	3.6883	100
10	9	1.7142	25.93	3.6907	55.83	1.2061	18.24	6.6110	100
11	13	.7931	22.95	2.0366	58.92	.6268	18.13	3.4565	100
12	25	.9447	26.38	2.0892	58.35	.5469	15.27	3.5808	100
13	1	.7979	24.55	2.1663	66.65	.2861	8.80	3.2503	100
14	12	.8557	26.09	1.9329	58.94	.4910	14.97	3.2796	100
15	15	.8916	23.39	2.3005	60.35	.6198	16.26	3.8119	100
16	20	.7050	24.93	1.7929	63.40	.3302	11.67	2.8281	100
17	21	.8882	24.86	2.1023	58.83	.5828	16.31	3.5733	100
18	23	.8384	17.54	2.8417	59.45	1.1000	23.01	4.7801	100
19	24	.8230	24.77	2.1805	65.63	.3188	9.60	3.3223	100
20	28	.9697	24.75	2.1513	54.91	.7970	20.34	3.9180	100
21	7	1.0167	22.41	2.3018	50.73	1.2185	26.86	4.5370	100
22	22	1.4154	28.96	2.4712	50.58	.9998	20.46	4.8864	100
23	15	1.3932	25.10	3.1901	57.46	.9684	17.44	5.5517	100
24	24	1.2859	26.87	3.0014	62.72	.4981	10.41	4.7854	100
25	6	1.2168	24.82	2.7971	57.06	.8883	18.12	4.9022	100
26	25	1.6375	29.12	3.0380	54.02	.9479	16.86	5.6234	100
27	1	1.3963	27.56	3.1703	62.56	.5007	9.88	5.0673	100
28	14	1.3825	23.71	3.5162	60.30	.9327	15.99	5.8314	100
29	20	1.2338	27.83	2.6224	59.14	.5778	13.03	4.4340	100
30	21	1.5543	27.57	3.0641	54.34	1.0198	18.09	5.6382	100
31	27	1.6950	28.09	3.2871	54.49	1.0508	17.42	6.0329	100
32	22	1.9905	29.04	3.4589	50.45	1.4059	20.51	6.8553	100
33	12	1.7113	27.77	3.4698	56.30	.9821	15.93	6.1632	100
34	27	1.9371	27.24	3.9739	55.87	1.2010	16.89	7.1120	100
35	1	.6982	24.01	1.9599	67.38	.2504	8.61	2.9085	100
36	5	.6537	24.92	1.5832	60.34	.3867	14.74	2.6236	100
37	6	.6552	21.84	1.8666	62.22	.4783	15.94	3.0001	100
38	12	.7487	24.05	1.9344	62.14	.4297	13.81	3.1128	100
39	16	.7419	19.26	2.2259	57.80	.8834	22.94	3.8512	100
40	19	.8351	25.75	2.0384	62.84	.3701	11.41	3.2436	100
41	20	.6169	23.92	1.6737	64.88	.2889	11.20	2.5795	100
42	21	.7772	24.33	1.9070	59.71	.5099	15.96	3.1941	100
43	24	.7201	23.86	2.0192	66.90	.2789	9.24	3.0182	100
44	26	1.0326	31.59	1.7336	53.04	.5023	15.37	3.2685	100
45	25	.9447	26.83	2.0292	57.64	.5469	15.53	3.5208	100
46	2	.8310	26.20	1.7500	55.16	.5913	18.64	3.1723	100
47	27	.9686	26.86	2.0369	56.49	.6005	16.65	3.6060	100
48	19	.8351	24.79	2.1634	64.22	.3701	10.99	3.3686	100
49	26	1.0326	30.48	1.8524	54.69	.5023	14.83	3.3873	100
50	1	1.1969	27.54	2.7201	62.59	.4292	9.87	4.3462	100
51	2	1.2465	28.21	2.2800	51.66	.8869	20.10	4.4134	100
52	5	1.1206	28.83	2.1041	54.12	.6629	17.05	3.8876	100
53	6	1.1232	25.16	2.5210	56.47	.8199	18.37	4.4641	100
54	12	1.2835	25.66	2.9829	59.62	.7366	14.72	5.0030	100
55	18	1.3986	27.96	2.8325	56.63	.7705	15.41	5.0016	100
56	20	1.0575	27.93	2.2335	58.99	.4953	13.08	3.7863	100
57	21	1.3323	27.53	2.6335	54.41	.8742	18.06	4.8400	100
58	24	1.2344	27.20	2.8258	62.26	.4782	10.54	4.5384	100
59	25	1.5116	29.41	2.7527	53.56	.8750	17.03	5.1393	100
60	27	1.4528	23.08	2.8204	54.51	.9007	17.41	5.1739	100
61	19	1.3919	28.08	2.9489	59.48	.6168	12.44	4.9576	100
62	19	.9279	26.28	2.1926	62.08	.4112	11.64	3.5317	100
63	16	.8479	19.84	2.4153	56.53	1.0096	23.63	4.2728	100
64	16	1.5898	21.22	4.0102	53.52	1.8930	25.26	7.4930	100
65	26	1.3276	33.36	2.1288	51.89	.6459	15.75	4.1023	100
66	19	1.1930	26.63	2.7577	61.57	.5287	11.80	4.4794	100
67	26	1.4751	32.66	2.3238	51.45	.7177	15.89	4.5166	100
68	16	1.0599	20.28	2.9041	55.57	1.2620	24.15	5.2260	100
69	16	.2120	14.96	.9530	67.23	.2524	17.81	1.4174	100
70	26	1.4751	34.47	2.0862	48.76	.7177	16.77	4.2790	100

TABLE VIII.—COST OF PRODUCTION OF **GREEN GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—SUMMARY OF COST OF ONE GROSS OF BOTTLES—Continued.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain. This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
71	23	$1.0945	17.81	$3.6154	58.82	$1.4362	23.37	$6.1461	100
72	1	1.0971	26.71	2.6168	63.71	.3934	9.58	4.1073	100
73	12	1.1765	26.98	2.5093	57.54	.6752	15.48	4.3610	100
74	21	1.2213	26.78	2.5382	55.65	.8013	17.57	4.5608	100
75	27	1.3318	27.95	2.6070	54.72	.8257	17.33	4.7645	100
76	27	1.4528	28.13	2.8104	54.43	.9007	17.44	5.1639	100
77	24	.7715	22.01	2.4349	69.46	.2989	8.53	3.5053	100
78	23	1.1528	18.05	3.7206	58.26	1.5125	23.69	6.3859	100
79	26	.4425	23.27	1.2436	65.41	.2153	11.32	1.9014	100
80	15	.0588	21.76	.1705	63.10	.0409	15.14	.2702	100
81	23	.0640	17.28	.2224	60.04	.0840	22.68	.3704	100
82	16	.2650	15.79	1.0981	65.42	.3155	18.79	1.6786	100
83	16	.5034	18.40	1.6327	59.69	.5994	21.91	2.7355	100
84	26	.5900	29.20	1.1434	56.59	.2871	14.21	2.0205	100
85	19	.9544	26.11	2.2782	62.32	.4229	11.57	3.6555	100
86	21	.4441	19.35	1.5602	67.96	.2914	12.69	2.2957	100
87	26	1.6964	35.02	2.3219	47.94	.8253	17.04	4.8436	100
88	26	1.7701	35.04	2.4203	47.91	.8612	17.05	5.0516	100
89	26	1.8439	35.06	2.5186	47.88	.8971	17.06	5.2596	100
90	26	1.9176	35.07	2.6170	47.86	.9330	17.07	5.4676	100
91	26	2.0651	35.46	2.7544	47.29	1.0047	17.25	5.8242	100
92	26	1.9176	34.33	2.7358	48.97	.9330	16.70	5.5864	100
93	26	2.0651	34.75	2.8732	48.35	1.0047	16.90	5.9430	100
94	19	.9279	25.41	2.3126	63.33	.4112	11.26	3.6517	100
95	26	1.1801	31.52	1.9897	53.15	.5741	15.33	3.7439	100
96	19	.9279	26.28	2.1926	62.08	.4112	11.64	3.5317	100
97	26	1.1801	32.55	1.8709	51.61	.5741	15.84	3.6251	100
98	16	.6359	18.82	1.9865	58.78	.7572	22.40	3.3796	100
99	27	.7264	27.55	1.4602	55.37	.4504	17.08	2.6370	100
100	16	.8479	19.84	2.4153	56.53	1.0096	23.63	4.2728	100
101	16	.6359	19.11	1.9345	58.13	.7572	22.76	3.3276	100
102	16	.5299	18.25	1.7421	60.01	.6310	21.74	2.9030	100
103	16	.6359	18.82	1.9865	58.78	.7572	22.40	3.3796	100
104	16	.6359	18.56	2.0329	59.34	.7572	22.10	3.4260	100
105	25	.3779	21.32	1.1757	66.34	.2187	12.34	1.7723	100
106	25	2.0154	28.73	3.8337	54.64	1.1667	16.63	7.0158	100
107	25	.0210	29.29	.0385	53.70	.0122	17.01	.0717	100
108	25	.0350	31.39	.0562	50.40	.0203	18.21	.1115	100
109	16	.7419	19.26	2.2259	57.80	.8834	22.94	3.8512	100
110	16	.7419	19.51	2.1773	57.26	.8834	23.23	3.8026	100
111	16	1.1658	20.44	3.1486	55.22	1.3882	24.34	5.7026	100
112	16	2.1197	20.87	5.5150	54.29	2.5240	24.84	10.1587	100
113	16	.3710	17.43	1.3154	61.81	.4417	20.76	2.1281	100
114	28	.4243	23.18	1.0574	57.77	.3487	19.05	1.8304	100
115	13	.3936	20.45	1.2202	63.39	.3111	16.16	1.9249	100
116	22	.5308	24.38	1.2717	58.40	.3749	17.22	2.1774	100
117	14	.4114	20.24	1.3437	66.10	.2776	13.66	2.0327	100
118	27	.5448	26.41	1.1801	57.21	.3378	16.38	2.0627	100
119	26	.5163	28.96	1.0153	56.95	.2512	14.09	1.7828	100
120	16	.3180	16.97	1.1772	62.82	.3786	20.21	1.8738	100
121	26	.5163	30.48	.9262	54.69	.2512	14.83	1.6937	100
122	13	.5287	21.43	1.5211	61.64	.4179	16.93	2.4677	100
123	22	.7298	25.71	1.5936	56.13	.5155	18.16	2.8389	100
124	27	.6659	25.79	1.5035	58.22	.4128	15.99	2.5822	100
125	28	.7003	25.17	1.5070	54.15	.5756	20.68	2.7829	100
126	14	.5925	20.92	1.8398	64.97	.3997	14.11	2.8320	100
127	26	.8851	31.66	1.4801	52.94	.4306	15.40	2.7958	100
128	16	.5299	18.56	1.6941	59.34	.6310	22.10	2.8550	100
129	26	.8851	33.10	1.3586	50.80	.4306	16.10	2.6743	100
130	14	.8229	21.40	2.4675	64.16	.5552	14.44	3.8456	100
131	27	1.0291	27.44	2.0836	55.55	.6380	17.01	3.7507	100
132	13	.9517	23.46	2.3519	57.99	.7522	18.55	4.0558	100
133	28	1.0909	25.16	2.3477	54.15	.8967	20.69	4.3353	100
134	22	1.3270	27.06	2.6393	53.83	.9372	19.11	4.9035	100
135	26	1.2538	32.71	1.9693	51.38	.6100	15.91	3.8331	100
136	16	.9539	20.52	2.5597	55.05	1.1358	24.43	4.6494	100
137	26	1.2538	33.76	1.8505	49.82	.6100	16.42	3.7143	100
138	16	.1059	11.62	.6790	74.53	.1262	13.85	.9111	100
139	16	.1855	14.65	.8602	67.92	.2208	17.43	1.2665	100
140	8	.1844	18.80	.6195	63.16	.1769	18.04	.9808	100

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—SUMMARY OF COST OF ONE GROSS OF BOTTLES—Continued.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain. This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
141	8	$0.2304	18.83	$0.7719	63.09	$0.2212	18.08	$1.2235	100
142	8	.3226	19.45	1.0266	61.89	.3096	18.66	1.6588	100
143	8	.5889	20.65	1.6970	59.52	.5652	19.82	2.8511	100
144	19	1.3720	29.51	2.6698	57.42	.6080	13.07	4.6498	100
145	10	1.0057	23.14	2.2492	51.76	1.0906	25.10	4.3455	100
146	19	.7158	28.56	1.4736	58.79	.3172	12.65	2.5066	100
147	19	.8947	28.30	1.8708	59.16	.3965	12.54	3.1620	100
148	19	1.4317	29.87	2.7272	56.90	.6344	13.23	4.7933	100
149	17	.4951	25.35	1.1720	60.01	.2858	14.64	1.9529	100
150	16	.5299	20.67	1.4025	54.71	.6310	24.62	2.5634	100
151	18	.5828	26.21	1.3202	59.36	.3210	14.43	2.2240	100
152	20	.4406	25.22	1.0998	62.96	.2064	11.82	1.7468	100
153	25	.6028	28.13	1.3687	55.58	.4011	16.29	2.4626	100
154	4	.4064	17.64	1.2365	53.66	.6612	28.70	2.3041	100
155	19	.6628	27.86	1.4226	59.80	.2937	12.34	2.3791	100
156	3	.8807	34.36	1.3283	51.83	.3538	13.81	2.5628	100
157	4	.5121	17.53	1.5751	53.94	.8331	28.53	2.9203	100
158	17	.8664	28.36	1.6884	55.27	.5002	16.37	3.0550	100
159	18	.8159	27.26	1.7283	57.73	.4494	15.01	2.9936	100
160	20	.6169	26.20	1.4489	61.53	.2889	12.27	2.3547	100
161	3	1.1074	34.14	1.6910	52.14	.4449	13.72	3.2433	100
162	19	.8616	27.95	1.8389	59.66	.3818	12.39	3.0823	100
163	17	1.2377	29.07	2.3049	54.14	.7146	16.79	4.2572	100
164	4	.7722	18.15	2.2261	52.32	1.2563	29.53	4.2546	100
165	20	.9694	28.00	2.0391	58.89	.4540	13.11	3.4625	100
166	3	1.7440	35.74	2.4348	49.90	.7006	14.36	4.8794	100
167	18	1.3403	29.29	2.4965	54.57	.7384	16.14	4.5752	100
168	25	1.5116	30.24	2.6127	52.26	.8750	17.50	4.9993	100
169	21	.4441	22.35	1.2512	62.98	.2914	14.67	1.9867	100
170	10	.5028	22.17	1.2196	53.78	.5453	24.05	2.2677	100
171	1	.6982	26.02	1.7351	64.65	.2504	9.33	2.6837	100
172	18	.8159	25.04	1.9933	61.17	.4494	13.79	3.2586	100
173	21	.7772	26.18	1.6820	58.65	.5099	17.17	2.9691	100
174	25	.8818	24.78	2.1666	60.88	.5104	14.34	3.5588	100
175	4	.5283	15.85	1.9456	58.36	.8596	25.79	3.3335	100
176	19	.8616	24.67	2.2489	64.40	.3818	10.93	3.4923	100
177	3	1.2557	31.90	2.1759	55.28	.5044	12.82	3.9360	100
178	6	.7488	24.96	1.7047	56.82	.5466	18.22	3.0001	100
179	10	.6705	22.45	1.5894	53.21	.7271	24.34	2.9870	100
180	12	.8557	21.72	2.5929	65.82	.4910	12.46	3.9396	100
181	20	.7050	23.52	1.9621	65.46	.3302	11.02	2.9973	100
182	7	.9828	23.53	2.0157	48.27	1.1778	28.20	4.1763	100
183	24	.8687	24.10	2.4000	66.57	.3365	9.33	3.6052	100
184	1	1.0971	27.59	2.4856	62.51	.3934	9.90	3.9761	100
185	12	1.1765	21.72	3.5653	65.82	.6752	12.46	5.4170	100
186	20	.9694	24.10	2.5991	64.61	.4540	11.29	4.0225	100
187	21	1.2213	27.61	2.4012	54.28	.8013	18.11	4.4238	100
188	18	1.3403	26.59	2.9615	58.76	.7384	14.65	5.0402	100
189	4	.8535	16.70	2.8700	56.14	1.3885	27.16	5.1120	100
190	19	1.3919	26.15	3.3139	62.26	.6168	11.59	5.3226	100
191	6	1.1232	26.00	2.3770	55.02	.8199	18.98	4.3201	100
192	24	1.2344	24.65	3.2958	65.80	.4782	9.55	5.0084	100
193	7	1.5250	24.30	2.9227	46.57	1.8277	29.13	6.2754	100
194	25	1.6375	27.60	3.3480	56.43	.9479	15.97	5.9334	100
195	26	1.1801	33.10	1.8115	50.80	.5741	16.10	3.5657	100
196	26	2.3602	34.84	3.2666	48.21	1.1483	16.95	6.7751	100
197	25	.2519	18.09	.9504	70.49	.1459	10.82	1.3482	100
198	25	.3779	21.32	1.1757	66.34	.2187	12.34	1.7723	100
199	19	.4772	23.77	1.3191	65.70	.2115	10.53	2.0078	100
200	16	.0397	6.09	.5645	86.65	.0473	7.26	.6515	100
201	11	.6917	25.66	1.2810	47.52	.7231	26.82	2.6958	100
202	25	.8187	25.45	1.9240	59.81	.4740	14.74	3.2167	100
203	11	1.1858	26.69	2.0174	45.41	1.2396	27.90	4.4428	100
204	25	1.2596	27.80	2.5423	56.11	.7292	16.09	4.5311	100
205	16	1.0599	20.68	2.8041	54.70	1.2620	24.62	5.1260	100
206	16	1.1658	20.81	3.0486	54.41	1.3882	24.78	5.6026	100
207	19	1.7896	29.32	3.5215	57.69	.7330	12.99	6.1041	100
208	19	.8351	25.75	2.0384	62.84	.3701	11.41	3.2436	100
209	26	1.0326	30.48	1.8524	54.69	.5023	14.83	3.3873	100
210	19	.8947	25.48	2.2208	63.23	.3965	11.29	3.5120	100

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—SUMMARY OF COST OF ONE GROSS OF BOTTLES—Continued.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain. This sub-table is based on the preceding ones, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
211	19	$0.9544	26.11	$2.2782	62.32	$0.4229	11.57	$3.6555	100
212	16	.9539	20.09	2.6597	56.00	1.1358	23.91	4.7494	100
213	26	2.2126	34.79	3.0699	48.28	1.0765	16.93	6.3590	100
214	20	.9694	26.97	2.1715	60.40	.4540	12.63	3.5949	100
215	24	1.1316	26.47	2.7044	63.27	.4384	10.26	4.2744	100
216	1	1.1969	27.54	2.7201	62.59	.4292	9.87	4.3462	100
217	12	1.2835	25.66	2.9829	59.62	.7366	14.72	5.0030	100
218	30	.3494	18.56	1.0043	53.36	.5286	28.08	1.8823	100
219	29	.2951	18.27	.9554	59.16	.3644	22.57	1.6149	100
220	29	.4637	19.81	1.3044	55.73	.5726	24.46	2.3407	100
221	30	.5491	19.87	1.3839	50.08	.8306	30.05	2.7636	100
222	26	2.2126	36.14	2.8323	46.27	1.0765	17.59	6.1214	100
223	26	1.1063	30.77	1.9508	54.26	.5382	14.97	3.5953	100
224	25	.5038	26.02	1.1409	58.92	.2917	15.06	1.9364	100
225	16	.3710	17.29	1.3334	62.13	.4417	20.58	2.1461	100
226	19	2.3861	31.65	4.0954	54.32	1.0573	14.03	7.5388	100
227	18	2.3310	31.01	3.9008	51.90	1.2841	17.09	7.5159	100
228	16	2.2257	23.52	4.5879	48.48	2.6501	28.00	9.4637	100
229	26	.7376	28.87	1.4589	57.09	.3588	14.04	2.5553	100
230	26	1.0326	33.42	1.5554	50.33	.5023	16.25	3.0903	100
231	26	1.7701	37.23	2.1233	44.66	.8612	18.11	4.7546	100
232	16	.1590	14.01	.7866	69.31	.1893	16.68	1.1349	100
233	16	.2120	15.22	.9288	66.67	.2524	18.11	1.3932	100
234	11	.3459	22.86	.8055	53.24	.3615	23.90	1.5129	100
235	16	.5829	18.86	1.8143	58.69	.6941	22.45	3.0913	100
236	16	.6359	18.82	1.9865	58.78	.7572	22.40	3.3796	100
237	14	.3456	18.28	1.3115	69.38	.2332	12.34	1.8903	100
238	27	.5448	25.79	1.2301	58.22	.3378	15.99	2.1127	100
239	14	.5925	20.14	1.9498	66.27	.3997	13.59	2.9420	100
240	27	.7264	27.55	1.4602	55.37	.4504	17.08	2.6370	100
241	27	1.0896	27.27	2.2303	55.82	.6755	16.91	3.9954	100
242	14	.9875	21.72	2.8930	63.63	.6662	14.65	4.5467	100
243	16	1.0599	20.28	2.9041	55.57	1.2620	24.15	5.2260	100
244	14	.5925	20.14	1.9498	66.27	.3997	13.59	2.9420	100
245	16	.5299	18.57	1.6931	59.32	.6310	22.11	2.8540	100
246	27	.6659	28.31	1.2735	54.14	.4128	17.55	2.3522	100
247	8	.5121	20.93	1.4430	58.98	.4915	20.09	2.4466	100
248	14	.5925	20.92	1.8398	64.97	.3997	14.11	2.8320	100
249	14	.8229	21.40	2.4675	64.16	.5552	14.44	3.8456	100
250	16	.9009	19.96	2.5397	56.27	1.0727	23.77	4.5133	100
251	27	1.0291	27.44	2.0836	55.55	.6380	17.01	3.7507	100
252	8	.8194	22.00	2.1188	56.89	.7864	21.11	3.7246	100
253	22	1.4597	27.60	2.7972	52.90	1.0310	19.50	5.2879	100
254	16	1.1658	20.44	3.1486	55.22	1.3882	24.34	5.7026	100
255	8	1.2803	23.23	3.0025	54.48	1.2287	22.29	5.5115	100
256	8	1.7924	22.36	4.5055	56.19	1.7202	21.45	8.0181	100
257	26	4.7203	35.46	6.2957	47.29	2.2965	17.25	13.3125	100
258	13	.1057	12.44	.6602	77.72	.0836	9.84	.8495	100
259	11	.1263	17.55	.4615	64.11	.1320	18.34	.7198	100
260	16	.1855	14.46	.8767	68.33	.2208	17.21	1.2830	100
261	19	.2386	19.42	.8845	71.98	.1057	8.60	1.2288	100
262	11	.2251	20.67	.6288	57.73	.2353	21.60	1.0892	100
263	8	.2304	18.68	.7819	63.39	.2212	17.93	1.2335	100
264	8	.3226	18.77	1.0866	63.22	.3096	18.01	1.7188	100
265	19	.4772	22.32	1.4491	67.79	.2115	9.89	2.1378	100
266	19	.7158	24.71	1.8636	64.34	.3172	10.95	2.8966	100
267	26	.8851	30.39	1.5962	54.82	.4306	14.79	2.9119	100
268	19	.8351	25.24	2.1034	63.57	.3701	11.19	3.3086	100
269	16	.8479	19.61	2.4675	57.05	1.0096	23.34	4.3250	100
270	19	.9544	25.69	2.3382	62.93	.4229	11.38	3.7155	100
271	16	.2385	15.51	1.0149	66.02	.2839	18.47	1.5373	100
272	16	.3180	16.60	1.2189	63.63	.3786	19.77	1.9155	100
273	16	.2915	16.16	1.1651	64.60	.3470	19.24	1.8036	100
274	16	.3444	16.28	1.3604	64.33	.4101	19.39	2.1149	100
275	16	1.2718	20.78	3.3330	54.47	1.5144	24.75	6.1192	100
276	16	.6359	18.56	2.0329	59.34	.7572	22.10	3.4260	100
277	16	.1590	14.39	.7566	68.48	.1893	17.13	1.1049	100
278	16	1.2716	20.13	3.5330	55.91	1.5144	23.96	6.3192	100
279	21	.3886	22.24	1.1035	63.16	.2550	14.60	1.7471	100

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—SUMMARY OF COST OF ONE GROSS OF BOTTLES—Continued.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain. This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
280	6	$0.4680	20.74	$1.4464	64.11	$0.3417	15.15	$2.2561	100
281	6	.6552	21.84	1.8666	62.22	.4783	15.94	3.0001	100
282	21	.5551	23.27	1.4665	61.47	.3842	15.26	2.3858	100
283	21	.7772	24.33	1.9070	59.71	.5099	15.96	3.1941	100
284	21	1.2213	24.16	3.0332	59.99	.8013	15.85	5.0558	100
285	26	.9588	34.70	1.3382	48.42	.4665	16.88	2.7635	100
286	6	1.0296	21.67	2.9709	62.52	.7516	15.81	4.7521	100
287	6	1.4040	19.97	4.6033	65.46	1.0249	14.57	7.0322	100
288	21	1.6654	22.45	4.6594	62.82	1.0927	14.73	7.4175	100
289	6	1.6848	20.35	5.3655	64.80	1.2299	14.85	8.2802	100
290	21	1.9984	22.72	5.4853	62.37	1.3112	14.91	8.7949	100
291	16	.0397	6.24	.5492	86.33	.0473	7.43	.6362	100
292	16	.1060	11.72	.6724	74.33	.1262	13.95	.9046	100
293	16	.1855	14.65	.8602	67.92	.2208	17.43	1.2665	100
294	11	.2470	21.41	.6482	56.20	.2583	22.39	1.1535	100
295	16	.4239	17.79	1.4537	61.02	.5048	21.19	2.3824	100
296	13	.2115	16.80	.8804	69.93	.1671	13.27	1.2590	100
297	13	.6345	22.13	1.7313	60.38	.5014	17.49	2.8672	100
298	11	.0604	12.67	.3533	74.10	.0631	13.23	.4768	100
299	26	1.6226	34.60	2.2776	48.57	.7894	16.83	4.6896	100
300	26	1.7701	35.46	2.3609	47.29	.8612	17.25	4.9922	100
301	13	.7403	23.45	1.8315	58.02	.5850	18.53	3.1568	100
302	12	1.1468	26.78	2.4779	57.86	.6581	15.36	4.2828	100
303	23	1.1528	18.05	3.7206	58.26	1.5125	23.69	6.3859	100
304	24	1.2344	26.44	2.9558	63.32	.4782	10.24	4.6684	100
305	22	2.1231	29.53	3.5669	49.61	1.4996	20.86	7.1896	100
306	1	.8976	25.19	2.3446	65.78	.3219	9.03	3.5641	100
307	24	.9715	25.50	2.4613	64.62	.3764	9.88	3.8092	100
308	12	1.0696	26.74	2.3171	57.92	.6138	15.34	4.0005	100
309	16	.3180	16.92	1.1832	62.94	.3786	20.14	1.8798	100
310	16	.2120	15.33	.9188	66.42	.2524	18.25	1.3832	100
311	24	.7201	24.10	1.9892	66.57	.2789	9.33	2.9882	100
312	9	.8571	24.30	2.0669	58.60	.6030	17.10	3.5270	100
313	28	.7677	23.27	1.9006	57.61	.6310	19.12	3.2993	100
314	1	.6982	23.85	1.9787	67.60	.2504	8.55	2.9273	100
315	6	.6552	21.84	1.8666	62.22	.4783	15.94	3.0001	100
316	9	.8000	24.09	1.9579	58.96	.5628	16.95	3.3207	100
317	13	.7403	22.66	1.9415	59.43	.5850	17.91	3.2668	100
318	15	.7802	22.92	2.0817	61.15	.5423	15.93	3.4042	100
319	18	.8159	24.62	2.0483	61.82	.4494	13.56	3.3136	100
320	21	.7772	24.33	1.9070	59.71	.5099	15.96	3.1941	100
321	22	.9289	26.16	1.9655	55.36	.6561	18.48	3.5505	100
322	27	.8475	26.27	1.8536	57.45	.5254	16.28	3.2265	100
323	7	.9150	22.34	2.0836	50.88	1.0966	26.78	4.0952	100
324	20	.7050	24.93	1.7929	63.40	.3302	11.67	2.8281	100
325	16	.3710	17.07	1.3604	62.60	.4417	20.33	2.1731	100
326	15	.8916	32.52	1.2305	44.88	.6198	22.60	2.7419	100
327	16	.3710	17.43	1.3154	61.81	.4417	20.76	2.1281	100
328	16	.6359	19.11	1.9345	58.13	.7572	22.76	3.3276	100
329	13	.3819	19.98	1.2280	64.23	.3018	15.79	1.9117	100
330	16	.4239	17.45	1.5010	61.78	.5048	20.77	2.4297	100
331	26	1.7701	36.32	2.2421	46.01	.8612	17.67	4.8734	100
332	26	1.7701	35.46	2.3609	47.29	.8612	17.25	4.9922	100
333	14	1.0862	21.66	3.1963	63.73	.7328	14.61	5.0153	100
334	22	1.5924	27.83	3.0051	52.52	1.1247	19.65	5.7222	100
335	16	.1325	12.66	.7565	72.27	.1577	15.07	1.0467	100
336	16	.1855	14.19	.9007	68.91	.2208	16.90	1.3070	100
337	16	.2650	15.87	1.0896	65.24	.3155	18.89	1.6701	100
338	16	.5299	18.25	1.7421	60.01	.6310	21.74	2.9030	100
339	16	.9009	19.75	2.5875	56.73	1.0727	23.52	4.5611	100
340	16	2.1197	20.68	5.6083	54.70	2.5240	24.62	10.2520	100
341	16	.1590	13.65	.8166	70.10	.1893	16.25	1.1649	100
342	16	.1325	12.96	.7325	71.62	.1577	15.42	1.0227	100
343	16	.3710	16.82	1.3934	63.16	.4417	20.02	2.2061	100
344	9	1.1428	25.09	2.6078	57.26	.8041	17.65	4.5547	100
345	9	1.3714	25.50	3.0407	56.55	.9649	17.95	5.3770	100
346	16	1.2718	20.61	3.3830	54.84	1.5144	24.55	6.1692	100
347	1	.7979	24.00	2.2413	67.40	.2861	8.60	3.3253	100
348	12	.9626	26.44	2.1250	58.38	.5524	15.18	3.6400	100
349	22	1.1943	27.09	2.3714	53.78	.8435	19.13	4.4092	100

TABLE VIII.—COST OF PRODUCTION OF **GREEN GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

M.—SUMMARY OF COST OF ONE GROSS OF BOTTLES—Concluded.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain. This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
350	27	$1.1232	26.33	$2.4462	57.34	$0.6964	16.33	$4.2658	100
351	13	1.0575	24.85	2.3622	55.51	.8357	19.64	4.2554	100
352	24	1.0287	25.59	2.5931	64.50	.3985	9.91	4.0203	100
353	1	.8976	24.73	2.4102	66.40	.3219	8.87	3.6297	100
354	21	.9992	24.97	2.3476	58.65	.6556	16.38	4.0024	100
355	12	1.0696	26.74	2.3171	57.92	.6138	15.34	4.0005	100
356	20	.8813	25.89	2.1096	61.98	.4127	12.13	3.4036	100
357	13	1.1515	24.03	2.7301	56.98	.9100	18.99	4.7916	100
358	24	1.1201	26.38	2.6921	63.40	.4389	10.22	4.2461	100
359	22	1.4597	27.60	2.7972	52.90	1.0310	19.50	5.2879	100
360	27	1.3318	27.95	2.6070	54.72	.8257	17.33	4.7645	100

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

N.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE GROSS OF BOTTLES.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain.]

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	19	$0.0378	$0.0302		$0.0680
2	18	.0571			.0571
3	19	.0540	.0432		.0972
4	16	.0521	.2669		.3190
5	19	.1350	.1080		.2430
6	19	.0702	.0562		.1264
7	19	.0756	.0605		.1361
8	19	.0702	.0562		.1264
9	9	.0060			.0060
10	9	.0113			.0113
11	13	.0209			.0209
12	25	.0398			.0398
13	1	.0100			.0100
14	12	.0392	.0924		.1316
15	15	.0130			.0130
16	20	.0363	.0278		.0641
17	21	.0128			.0128
18	23	.0472			.0472
19	24	.0315			.0315
20	28	.0141			.0141
21	7	.0231	.0981	$0.1154	.2366
22	22	.0376	.0855	.0284	.1515
23	15	.0203			.0203
24	24	.0493			.0493
25	6	.0569	.3470		.4039
26	25	.0690			.0690
27	1	.0166			.0166
28	14	.0865	.2051		.2916
29	20	.0635	.0486		.1121
30	21	.0224			.0224
31	27	.0338			.0338
32	22	.0529	.1201	.0400	.2130
33	12	.0783	.1849		.2632
34	27	.0386			.0386
35	1	.0083			.0083
36	5	.0204			.0204
37	6	.0306	.1869		.2175
38	12	.0343	.0809		.1152
39	16	.0174	.0889		.1063
40	19	.0378	.0302		.0680
41	20	.0318	.0243		.0561
42	21	.0112			.0112
43	24	.0276			.0276
44	26	.0151			.0151
45	25	.0398			.0398
46	2	.0108			.0108
47	27	.0193			.0193
48	19	.0378	.0302		.0680
49	26	.0151			.0151
50	1	.0143			.0143
51	2	.0162			.0162
52	5	.0350			.0350
53	6	.0525	.3203		.3728
54	12	.0587	.1387		.1974
55	18	.0685			.0685
56	20	.0544	.0417		.0961
57	21	.0192			.0192
58	24	.0473			.0473
59	25	.0637			.0637
60	27	.0289			.0289
61	19	.0630	.0504		.1134
62	19	.0420	.0336		.0756
63	16	.0199	.1016		.1215
64	16	.0373	.1906		.2279
65	26	.0194			.0194
66	19	.0540	.0432		.0972
67	26	.0216			.0216
68	16	.0248	.1271		.1519
69	16	.0050	.0254		.0304
70	26	.0216			.0216
71	23	.0617			.0617
72	1	.0131			.0131
73	12	.0539	.1271		.1810
74	21	.0176			.0176

TABLE VIII.—COST OF PRODUCTION OF **GREEN GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

N.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE GROSS OF BOTTLES—Continued.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain.]

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
75	27	$0.0265			$0.0265
76	27	.0289			.0289
77	24	.0296			.0296
78	23	.0649			.0649
79	26	.0065			.0065
80	15	*a* .0008			*a* .0008
81	23	*a* .0036			*a* .0036
82	16	.0062	$0.0318		.0380
83	16	.0118	.0604		.0722
84	26	.0086			.0086
85	19	.0432	.0346		.0778
86	21	.0064			.0064
87	26	.0248			.0248
88	26	.0259			.0259
89	26	.0270			.0270
90	26	.0281			.0281
91	26	.0302			.0302
92	26	.0281			.0281
93	26	.0302			.0302
94	19	.0420	.0336		.0756
95	26	.0173			.0173
96	19	.0420	.0336		.0756
97	26	.0173			.0173
98	16	.0140	.0763		.0912
99	27	.0145			.0145
100	16	.0199	.1016		.1215
101	16	.0149	.0763		.0912
102	16	.0124	.0636		.0760
103	16	.0149	.0763		.0912
104	16	.0149	.0763		.0912
105	25	.0159			.0159
106	25	.0850			.0850
107	25	*b* .0009			*b* .0009
108	25	*b* .0015			*b* .0015
109	16	.0174	.0889		.1063
110	16	.0174	.0889		.1063
111	16	.0273	.1398		.1671
112	16	.0497	.2541		.3038
113	16	.0087	.0445		.0532
114	28	.0062			.0062
115	13	.0104			.0104
116	22	.0141	.0320	$0.0107	.0568
117	14	.0257	.0611		.0868
118	27	.0109			.0109
119	26	.0076			.0076
120	16	.0075	.0381		.0456
121	26	.0076			.0076
122	13	.0140			.0140
123	22	.0194	.0441	.0146	.0781
124	27	.0133			.0133
125	23	.0102			.0102
126	14	.0371	.0879		.1250
127	26	.0130			.0130
128	16	.0124	.0636		.0760
129	26	.0130			.0130
130	14	.0515	.1221		.1736
131	27	.0205			.0205
132	13	.0251			.0251
133	28	.0159			.0159
134	22	.0353	.0801	.0266	.1420
135	26	.0184			.0184
136	16	.0223	.1144		.1367
137	26	.0184			.0184
138	16	.0025	.0127		.0152
139	16	.0044	.0222		.0266
140	8	.0111	.0140	.0139	.0390
141	8	.0139	.0174	.0174	.0487
142	8	.0195	.0244	.0243	.0682
143	8	.0355	.0445	.0444	.1244
144	19	.0621	.0497		.1118
145	10	.0933			.0933

a Per single carboy.
b Per single demijohn.

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

N.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE GROSS OF BOTTLES—Continued.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain.]

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
146	19	$0.0324	$0.0259		$0.0583
147	19	.0405	.0324		.0729
148	19	.0648	.0518		.1166
149	17	.0132			.0132
150	16	.0124	.0636		.0760
151	18	.0285			.0285
152	20	.0227	.0174		.0401
153	25	.0292			.0292
154	4	.0083	a .1149		b .1232
155	19	.0300	.0240		.0540
156	3	.0173	.0207		.0380
157	4	.0104	a .1448		b .1552
158	17	.0231			.0231
159	18	.0399			.0399
160	20	.0318	.0243		.0561
161	3	.0217	.0260		.0477
162	19	.0390	.0312		.0702
163	17	.0329			.0329
164	4	.0158	a .2183		b .2341
165	20	.0499	.0382		.0881
166	3	.0342	.0410		.0752
167	18	.0656			.0656
168	25	.0637			.0637
169	21	.0064			.0064
170	10	.0467			.0467
171	1	.0083			.0083
172	18	.0399			.0399
173	21	.0112			.0112
174	25	.0372			.0372
175	4	.0108	a .1494		b .1602
176	19	.0390	.0312		.0702
177	3	.0246	.0295		.0541
178	6	.0350	.2135		.2485
179	10	.0622			.0622
180	12	.0392	.0924		.1316
181	20	.0363	.0278		.0641
182	7	.0224	.0948	$0.1115	.2287
183	24	.0333			.0333
184	1	.0131			.0131
185	12	.0539	.1271		.1810
186	20	.0499	.0382		.0881
187	21	.0176			.0176
188	18	.0656			.0656
189	4	.0174	a .2413		b .2587
190	19	.0630	.0504		.1134
191	6	.0525	.3203		.3728
192	24	.0473			.0473
193	7	.0347	.1471	.1730	.3548
194	25	.0690			.0690
195	26	.0173			.0173
196	26	.0346			.0346
197	25	.0106			.0106
198	25	.0159			.0159
199	19	.0216	.0173		.0389
200	16	.0009	.0048		.0057
201	11	.0137			.0137
202	25	.0345			.0345
203	11	.0235			.0235
204	25	.0531			.0531
205	16	.0248	.1271		.1519
206	16	.0273	.1398		.1671
207	19	.0810	.0648		.1458
208	19	.0378	.0302		.0680
209	26	.0151			.0151
210	19	.0405	.0324		.0729
211	19	.0432	.0346		.0778
212	16	.0223	.1144		.1367
213	26	.0324			.0324
214	20	.0499	.0382		.0881
215	24	.0434			.0434

a Rent.
b Including rent.

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Continued.

N.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE GROSS OF BOTTLES—Continued.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain.]

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
216	1	$0.0143			$0.0143
217	12	.0587	$0.1387		.1974
218	30	.0071	.1029	$0.0469	.1569
219	29	.0048	.1052	.0456	.1556
220	29	.0075	.1653	.0717	.2445
221	30	.0111	.1618	.0736	.2465
222	26	.0324			.0324
223	26	.0162			.0162
224	25	.0212			.0212
225	16	.0087	.0445		.0532
226	19	.1080	.0864		.1944
227	18	.1141			.1141
228	16	.0521	.2669		.3190
229	26	.0108			.0108
230	26	.0151			.0151
231	26	.0259			.0259
232	16	.0037	.0191		.0228
233	16	.0050	.0254		.0304
234	11	.0069			.0069
235	16	.0137	.0699		.0836
236	16	.0149	.0763		.0912
237	14	.0216	.0513		.0729
238	27	.0109			.0109
239	14	.0371	.0879		.1250
240	27	.0145			.0145
241	27	.0217			.0217
242	14	.0618	.1465		.2083
243	16	.0248	.1271		.1519
244	14	.0371	.0879		.1250
245	16	.0124	.0536		.0760
246	27	.0133			.0133
247	8	.0309	.0387	.0386	.1082
248	14	.0371	.0879		.1250
249	14	.0515	.1221		.1736
250	16	.0211	.1080		.1291
251	27	.0205			.0205
252	8	.0494	.0619	.0618	.1731
253	22	.0388	.0881	.0293	.1562
254	16	.0273	.1398		.1671
255	8	.0773	.0967	.0965	.2705
256	8	.1082	.1354	.1351	.3787
257	26	.0691			.0691
258	13	.0028			.0028
259	11	.0025			.0025
260	16	.0044	.0222		.0266
261	19	.0108	.0086		.0194
262	11	.0045			.0045
263	8	.0139	.0174	.0174	.0487
264	8	.0195	.0244	.0243	.0682
265	19	.0216	.0173		.0389
266	19	.0324	.0259		.0583
267	26	.0130			.0130
268	19	.0378	.0302		.0680
269	16	.0199	.1016		.1215
270	19	.0432	.0346		.0778
271	16	.0056	.0286		.0342
272	16	.0075	.0381		.0456
273	16	.0068	.0350		.0418
274	16	.0081	.0413		.0494
275	16	.0298	.1525		.1823
276	16	.0149	.0763		.0912
277	16	.0037	.0191		.0228
278	16	.0298	.1525		.1823
279	21	.0056			.0056
280	6	.0219	.1334		.1553
281	6	.0306	.1869		.2175
282	21	.0080			.0080
283	21	.0112			.0112
284	21	.0176			.0176
285	26	.0140			.0140
286	6	.0481	.2936		.3417
287	6	.0656	.4004		.4660
288	21	.0240			.0240

TABLE VIII.—COST OF PRODUCTION OF GREEN GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN VARIOUS STATES—Concluded.

N.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE GROSS OF BOTTLES—Concluded.

[Establishments numbered 1 to 28 are in the United States, and those numbered 29 and 30 are in Great Britain.]

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
289	6	$0.0787	$0.4805		$0.5592
290	21	.0288			.0288
291	16	.0009	.0048		.0057
292	16	.0025	.0127		.0152
293	16	.0044	.0222		.0265
294	11	.0049			.0049
295	16	.0100	.0508		.0608
296	13	.0056			.0056
297	13	.0167			.0167
298	11	.0012			.0012
299	26	.0238			.0238
300	26	.0259			.0259
301	13	.0195			.0195
302	12	.0525	.1239		.1764
303	23	.0649			.0649
304	24	.0473			.0473
305	22	.0564	.1282	$0.0426	.2272
306	1	.0107			.0107
307	24	.0372			.0372
308	12	.0490	.1155		.1645
309	16	.0075	.0381		.0456
310	16	.0050	.0254		.0304
311	24	.0276			.0276
312	9	.0057			.0057
313	28	.0112			.0112
314	1	.0083			.0083
315	6	.0306	.1869		.2175
316	9	.0053			.0053
317	13	.0195			.0195
318	15	.0114			.0114
319	18	.0399			.0399
320	21	.0112			.0112
321	22	.0247	.0561	.0186	.0994
322	27	.0169			.0169
323	7	.0208	.0883	.1038	.2129
324	20	.0363	.0278		.0641
325	16	.0087	.0445		.0532
326	15	.0130			.0130
327	16	.0087	.0445		.0532
328	16	.0149	.0763		.0912
329	13	.0101			.0101
330	16	.0100	.0508		.0608
331	26	.0259			.0259
332	26	.0259			.0259
333	14	.0679	.1612		.2291
334	22	.0423	.0961	.0320	.1704
335	16	.0031	.0159		.0190
336	16	.0044	.0222		.0266
337	16	.0062	.0318		.0380
338	16	.0124	.0636		.0760
339	16	.0211	.1080		.1291
340	16	.0497	.2541		.3038
341	16	.0037	.0191		.0228
342	16	.0031	.0159		.0190
343	16	.0087	.0445		.0532
344	9	.0076			.0076
345	9	.0091			.0091
346	16	.0298	.1525		.1823
347	1	.0100			.0100
348	12	.0441	.1040		.1481
349	22	.0317	.0721	.0240	.1278
350	27	.0224			.0224
351	13	.0279			.0279
352	24	.0394			.0394
353	1	.0107			.0107
354	21	.0144			.0144
355	12	.0490	.1155		.1645
356	20	.0454	.0347		.0801
357	13	.0304			.0304
358	24	.0429			.0429
359	22	.0388	.0881	.0293	.1562
360	27	.0265			.0265

FLINT GLASS BOTTLES.

FLINT GLASS BOTTLES.

In the tabulation of facts relating to the cost of production of flint glass bottles the same form of presentation is used as in the case of green glass bottles, such variations as occur in the appliances of production and kinds of materials used being sufficiently shown in the box heads of the several sub-tables. The expenditures for packing-boxes are presented in sub-table L. In the flint glass bottle works, unlike those producing green glass bottles, the boxes are usually made expressly for the various kinds of bottles, and are not returned to the works for future use. The fourteen establishments represented in the following table are all located in the United States. The titles of the table and sub-tables follow:

TABLE IX.—*Cost of Production of Flint Glass Bottles at Various Establishments in the United States.*

A.—Period covered and quantity of product.
B.—The appliances of production.
C.—Quantity of materials (tons of 2,000 pounds) charged into the furnace.
D.—Cost of materials charged into the furnace.
E.—General statement of cost for the period.
F.—Additional cost of certain theoretical elements for the period.
G.—Cost of materials in one pound of glass.
H.—Certain elements of cost in one pound of glass.
J.—Additional cost of certain theoretical elements in one pound of glass.
K.—Cost of materials in one gross of bottles.
L.—Elements of cost in one gross of bottles.
M.—Summary of cost of one gross of bottles.
N.—Additional cost of certain theoretical elements in one gross of bottles.

TABLE IX.—COST OF PRODUCTION OF FLINT GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES.

A.—PERIOD COVERED AND QUANTITY OF PRODUCT.

[The names of the states are omitted to prevent the identification of individual establishments. This and the eight sub-tables which follow (A to J) relate to each establishment as a whole. These establishments are numbered serially, those of the same state being grouped together. For explanation of the product number, see the prefatory note to sub-table K, in which and in the sub-tables that follow it becomes the serial number.]

Establishment number.	Product numbers.	Period covered.		Blowings.		Pounds of finished glass produced.
		Terminal dates.	Days of running time.	Number.	Hours to each.	
1	5, 11, 19, 49, 62, 73, 112, 127, 174, 177, 181, 185, 193, 204, 220, 231, 244.	July 1, 1889, to June 30, 1890	242	200	9	9,114,968
2	15, 44, 55, 63, 113, 121, 186, 194, 205, 222, 232, 242.	July 1, 1890, to June 30, 1891	249	249	9	2,546,272
3	20, 50, 63, 74, 173, 175, 178, 180, 187, 196, 206, 216, 225, 235, 245.	Sept. 1, 1889, to Aug. 31, 1890	216	202	9	2,775,123
4	13, 16, 25, 42, 45, 56, 66	Aug. 19, 1889, to June 30, 1890 *a*	270	270	9	2,295,173
5	14, 26, 30, 31, 33 to 39, 41, 43, 53, 54, 64, 65, 78 to 82, 85 to 93, 95, 97 to 111, 132 to 144, 152 to 154, 159 to 172, 182, 197, 213, 221, 238, 252 to 278.	Aug. 18, 1889, to Aug. 17, 1890	267	267	9	2,332,654
6	6, 9, 12, 21, 27, 32, 83, 84, 94, 96, 117, 129, 176, 179, 188, 198, 214, 230, 239, 246, 279.	June 15, 1889, to June 14, 1890	227	227	9	1,127,200
7	7, 119, 122, 145 to 151, 189, 199, 207, 215, 226, 240, 243.	Sept. 1, 1889, to June 30, 1890 *a*	254	254	(*b*)	1,127,200
8	1, 2, 17, 51, 61, 70, 120, 123, 130, 192, 195, 210, 218, 227, 241, 247.	July 1, 1889, to June 30, 1890	246	246	9	3,620,640
9	40	July 1, 1889, to July 1, 1890	225	225	(*c*)	844,850
10	28, 29, 75 to 77	Jan. 1, 1890, to June 30, 1890	132	132	9	271,200
11	3, 10, 22, 52, 57, 67, 116, 124, 155 to 158, 190, 200, 209, 217, 228, 236, 248.	July 1, 1889, to June 30, 1890	211	211	9	1,810,327
12	23, 47, 59, 71, 114, 128, 183, 201, 208, 223, 233, 251.	Aug. 19, 1889, to June 28, 1890 *a*	261	261	9	5,440,000
13	18, 46, 58, 69, 118, 125, 131, 191, 202, 211, 219, 229, 237, 249.	Aug. 19, 1889, to June 28, 1890 *a*	259	259	9	5,622,000
14	4, 8, 24, 48, 60, 72, 115, 126, 184, 203, 212, 224, 234, 250.	Aug. 19, 1889, to June 28, 1890 *a*	264	264	9	5,850,260

a Terminal date of blowing period only.
b 9 hours for five days per week and 7 hours for one day.
c 8 hours for five days per week and 4 hours for one day.

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

B.—THE APPLIANCES OF PRODUCTION.

Establishment number.	Furnaces.		Tanks.		Tempering ovens.	Tempering leers.	Finishing ovens or glory holes.	Pot arches.	Kinds of fuel used in—			Stem or clean pipe worked by blowers?
	Number.	Total pots.	Number.	Holding capacity in pounds.					Melting furnaces.	Tempering ovens or leers.	Finishing ovens or glory holes.	
1	3	42	.....	.....	72	.....	12	5	Gas	Coke.....	Bit. coal..	Clean.
2	2	24	.....	.....	.....	5	5	2	Petroleum	Petroleum	Petroleum	Clean.
3	1	13	.....	.....	.....	4	7	2	Crude oil..	Crude oil..	Crude oil .	Clean.
4	1	12	.....	.....	.....	4	4	2	Nat. gas ..	Nat. gas...	Nat. gas..	Stem.
5	1	12	.....	.....	4	2	3	1	Nat. gas ..	Nat. gas...	Nat. gas..	Clean.
6	1	12	.....	.....	.....	3	2	1	Bit. coal...	Coke.....	Benzine ..	Clean.
7	1	11	.....	.....	1	1	4	1	Bit. coal...	(*a*)	Bit. coal..	Clean.
8	.....	.....	1	50,000	9	2	6	1	Bit. coal...	(*b*)	Oil	Both.
9	2	16	.....	.....	6	4	2	1	Bit. coal...	(*c*)	Gas oil ...	Clean.
10	1	8	.....	.....	.....	2	1	1	Bit. coal...	Coke.....	Oil	Clean.
11	1	13	.....	.....	.....	4	4	1	(*d*)	(*e*)	(*d*)	Clean.
12	2	23	.....	.....	41	.....	7	1	Nat. gas...	Nat. gas...	Nat. gas..	Clean.
13	3	30	.....	.....	50	.....	10	3	Nat. gas...	Nat. gas...	Nat. gas..	Clean.
14	3	30	.....	.....	36	.....	12	4	Nat. gas...	Nat. gas...	Nat. gas..	Stem.

a Coke, wood, and anthracite coal.
b Wood and oil.
c Wood and coke.
d Natural gas and coal.
e Natural gas and coke.

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

C.—QUANTITY OF MATERIALS (TONS OF 2,000 POUNDS) CHARGED INTO THE FURNACE.

Establishment number.	Sand.	Soda ash.	Burnt lime or raw limestone.	Glass.	Manganese.	Nitre.	Arsenic.	Other.	Total.
1	3,388.00	1,321.00	508.00	100.00	6.00	203.25	6.78	2.40	5,535.43
2	850.00	337.00	170.00	20.00	1.46	*a* 50.75	3.75	.04	1,433.00
3	1,058.50	416.00	68.80	7.00	2.32	67.40	2.65	.29	1,622.96
4	945.00	378.00	113.40	.....	5.36	56.70	5.36	.....	1,503.82
5	853.75	322.83	119.53	.....	1.33	42.68	1.20	.02	1,341.34
6	422.00	152.00	65.00	.....	.....	43.00	.....	(*b*)	*c* 682.00
7	508.00	157.00	127.00	.....	.....	.....	.....	(*b*)	*c* 792.00
8	1,450.00	580.00	300.00	.....	8.00	*a* 40.00	.....	4.02	2,382.02
9	175.00	61.25	.....	262.50	.....	.....	.....	16.13	514.93
10	105.00	42.53	13.00	.....	.50	.....	.....	(*b*)	*c* 161.03
11	791.25	299.13	79.13	79.00	1.58	52.75	3.68	.....	1,297.52
12	2,050.00	700.00	450.00	.....	.....	.....	.....	(*b*)	*c* 3,200.00
13	2,233.50	843.35	216.08	.....	.....	110.24	.....	.....	3,403.17
14	2,393.00	764.00	412.00	.....	3.50	.....	.....	.....	3,572.50

a Nitrate of soda.
b Chemicals not specified, the weight of which was not reported.
c Not including chemicals not specified, the weight of which was not reported.

TABLE IX.—COST OF PRODUCTION OF FLINT GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

D.—COST OF MATERIALS CHARGED INTO THE FURNACE.

Establishment number.	Sand.	Soda ash.	Burnt lime or raw limestone.	Glass.	Manganese.	Nitre.	Arsenic.	Other.	Total.
1	$6,776	$36,242	$1,843	$800	$540	$7,733	$407	$288	$54,629
2	1,230	11,485	685	100	175	*a* 2,282	225	45	16,277
3	741	11,773	451	70	252	3,033	194	167	16,661
4	3,402	15,120	454	.....	643	2,722	322	.....	22,663
5	2,220	8,622	1,076	.....	147	1,921	92	22	14,100
6	1,150	4,398	578	.....	.....	1,534	.....	450	8,110
7	1,737	4,161	451	.....	.....	.....	.....	500	6,849
8	5,800	20,532	975	.....	816	*a* 1,296	.....	2,150	31,569
9	925	2,100	.....	2,625	.....	.....	.....	600	6,250
10	378	1,542	125	.....	60	.....	.....	225	2,330
11	2,173	8,297	554	790	190	2,110	240	.....	14,354
12	6,150	25,580	2,250	.....	.....	.....	.....	100	34,080
13	6,822	23,951	572	.....	.....	4,416	.....	.....	35,761
14	7,179	27,917	4,120	.....	350	.....	.....	.....	39,566

a Represents the expenditures for nitrate of soda.

TABLE IX.—COST OF PRODUCTION OF FLINT GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

E.—GENERAL STATEMENT OF COST FOR THE PERIOD.

[Insurance, interest, depreciation of value of plant, charges for freight of product to place of free delivery, and expenditures for packing-boxes are not included.]

Establishment number.	Materials.	Labor.			Officials and clerks.	Supplies and repairs.	Fuel.	Taxes.	Total.
		All except blowing.	Blowing.	Total.					
1	$54,629	$83,083	$121,431	$204,514	$4,500	$12,547	$8,490	$350	$285,030
2	16,277	20,365	32,785	53,150	7,620	4,416	12,390	850	94,703
3	16,661	17,512	25,672	43,184	5,200	2,978	8,100	459	76,582
4	22,663	10,479	24,608	35,087	1,650	3,000	(*a*)	100	62,500
5	14,100	17,586	37,753	55,339	7,000	4,432	300	90	81,261
6	8,110	8,985	15,268	24,253	2,295	2,573	2,930	160	40,321
7	6,849	9,732	16,241	25,973	2,500	2,200	4,476	200	42,198
8	31,569	17,500	32,215	49,715	1,700	2,813	7,964	380	94,141
9	6,250	12,600	24,250	36,850	800	951	8,343	.....	53,194
10	2,330	4,779	5,159	9,938	900	424	1,712	25	15,329
11	14,354	17,169	30,988	48,157	5,100	2,061	3,161	200	73,033
12	34,080	34,012	68,168	102,180	8,400	8,580	15,000	2,140	170,380
13	35,761	49,162	74,956	124,118	11,261	14,109	9,250	1,194	195,693
14	39,566	40,230	77,620	117,850	8,300	9,237	14,750	250	189,953

a The natural gas used as fuel was donated.

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

F.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS FOR THE PERIOD.

Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	$850			$850
2	875	$1,500		2,375
3	641	1,800		2,441
4	300	400		700
5	450	4,586		5,036
6	300			300
7	1,250			1,250
8	1,020	2,400		3,420
9	325	(a)		a 325
10	27			27
11	850			850
12	500		$1,000	1,500
13	1,382	126		1,508
14	900			900

a The expenditures for rent were not reported.

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

G.—COST OF MATERIALS IN ONE POUND OF GLASS.

Establishment number.	Sand.	Soda ash.	Burnt lime or raw limestone.	Glass.	Manganese.	Nitre.	Arsenic.	Other.	Total.
1	$0.000743	$0.00976	$0.00302	$0.000088	$0.000059	$0.000848	$0.000045	$0.000032	$0.005593
2	.000503	.004510	.000269	.000039	.000069	a .000896	.000088	.000018	.006392
3	.000267	.004242	.000163	.000025	.000084	.001093	.000070	.000060	.006604
4	.001482	.006588	.000198	----------	.000280	.001186	.000140	----------	.009874
5	.000952	.003696	.000461	----------	.000063	.000824	.000040	.000009	.006045
6	.001020	.003902	.000513	----------	----------	.001361	----------	.000399	.007195
7	.001541	.003691	.000400	----------	----------	----------	----------	.000444	.006076
8	.001602	.005671	.000269	----------	.000225	a .000358	----------	.000594	.008719
9	.001095	.002486	----------	.003107	----------	----------	----------	.000710	.007398
10	.001394	.005686	.000461	----------	.000221	----------	----------	.000829	.008591
11	.001200	.004583	.000306	.000436	.000105	.001166	.000133	----------	.007929
12	.001131	.004702	.000414	----------	----------	----------	----------	.000018	.006265
13	.001213	.004260	.000102	----------	----------	.000786	----------	----------	.006361
14	.001227	.004772	.000704	----------	.000060	----------	----------	----------	.006763

a Represents the expenditures for nitrate of soda.

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

II.—CERTAIN ELEMENTS OF COST IN ONE POUND OF GLASS.

Establishment number.	Materials.	All labor except blowing.	Officials and clerks.	Supplies and repairs.	Fuel.	Taxes.	Total.
1	$0.005993	$0.009115	$0.000494	$0.001377	$0.000931	$0.000038	$0.017948
2	.006392	.007998	.002993	.001734	.004866	.000334	.024317
3	.006004	.006310	.001874	.001073	.002919	.000165	.018345
4	.009874	.004566	.000719	.001307	(a)	.000043	.016509
5	.006045	.007539	.003001	.001960	.000129	.000038	.018652
6	.007195	.007971	.002036	.002283	.002599	.000142	.022226
7	.006076	.008634	.002218	.001952	.003971	.000177	.023028
8	.008719	.004833	.000469	.000777	.002200	.000105	.017103
9	.007398	.014914	.000947	.001126	.009875	----------	.034260
10	.008591	.017622	.003319	.001563	.006313	.000092	.037500
11	.007929	.009484	.002817	.001138	.001746	.000111	.023225
12	.006265	.006252	.001544	.001577	.002757	.000394	.018789
13	.006361	.008745	.002003	.002510	.001645	.000212	.021476
14	.006763	.006877	.001419	.001579	.002521	.000043	.019202

a The natural gas used as fuel was donated.

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

J.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE POUND OF GLASS.

Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	$0.000093			$0.000093
2	.000344	$0.000589		.000933
3	.000231	.000649		.000880
4	.000131	.000174		.000305
5	.000193	.001966		.002159
6	.000266			.000266
7	.001109			.001109
8	.000282	.000663		.000945
9	.000385	(a)		a .000385
10	.000100			.000100
11	.000470			.000470
12	.000092		$0.000184	.000276
13	.000246	.000022		.000263
14	.000154			.000154

a The expenditures for rent were not reported.

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

K.—COST OF MATERIALS IN ONE GROSS OF BOTTLES.

[The preceding sub-tables (A to J) relate to each establishment as a whole, but this and the following (K to N) relate to individual products of the establishments, those of a like kind being grouped together

Product number.	Establishment number.	Description.	Weight per gross in pounds.
1	8	Beer, pint	144
2	8	Beer, quart	287
3	11	Beer, champagne, pint	108
4	14	Beer, champagne, pint	140
5	1	Beer, champagne, pint	144
6	6	Beer, champagne, pint	144
7	7	Beer, champagne, pint	144
8	14	Beer, champagne, quart	210
9	6	Beer, champagne, quart	216
10	11	Beer, champagne, quart	216
11	1	Beer, champagne, quart	252
12	6	Brandy, 6 to the gallon	102
13	4	Brandy, 6 to the gallon	180
14	5	Brandy, 5 to the gallon	153
15	2	Brandy, 5 to the gallon	180
16	4	Brandy, 5 to the gallon	180
17	8	Brandy, 5 to the gallon	180
18	13	Brandy, 5 to the gallon	180
19	1	Brandy, 5 to the gallon	189
20	3	Brandy, 5 to the gallon	189
21	6	Brandy, 5 to the gallon	189
22	11	Brandy, 5 to the gallon	189
23	12	Brandy, 5 to the gallon	198
24	14	Brandy, 5 to the gallon	198
25	4	Brandy, 4 to the gallon	198
26	5	Brandy, 4 to the gallon	207
27	6	Brandy, 4 to the gallon	216
28	10	Brandy, fancy, 5 to the gallon	198
29	10	Brandy, fancy, 4 to the gallon	200
30	5	Castor oil, panel, 3-ounce	40½
31	5	Catsup, half-pint	63
32	6	Catsup, half-pint	64
33	5	Celery bitters, 4-ounce	51¾
34	5	Celery bitters, lettered, 4-ounce	51¾
35	5	Citrate of magnesia, 12-ounce	117
36	5	Cologne, decanter, 2-ounce	20¼
37	5	Cologne, picnic, 2-dram	4½
38	5	Cologne, sample, 2-ounce	22½
39	5	Cordial, 6 to the gallon	135
40	9	Electric light bulbs, 16-candle power	8
41	5	Flasks, quarter-pint	36
42	4	Flasks, quarter-pint	38
43	5	Flasks, half-pint	49½
44	2	Flasks, half-pint	54
45	4	Flasks, half-pint	54
46	13	Flasks, half-pint	54
47	12	Flasks, half-pint	55
48	14	Flasks, half-pint	55
49	1	Flasks, half-pint	58
50	3	Flasks, half-pint	62
51	8	Flasks, half-pint	63
52	11	Flasks, half-pint	63
53	5	Flasks, full half-pint	54
54	5	Flasks, pint	72
55	2	Flasks, pint	90
56	4	Flasks, pint	94½
57	11	Flasks, pint	95
58	13	Flasks, pint	99
59	12	Flasks, pint	100
60	14	Flasks, pint	100
61	8	Flasks, pint	108
62	1	Flasks, pint	117
63	3	Flasks, pint	117
64	5	Flasks, full pint	85½
65	5	Flasks, quart	144
66	4	Flasks, quart	158
67	11	Flasks, quart	158
68	2	Flasks, quart	160
69	13	Flasks, quart	161
70	8	Flasks, quart	162
71	12	Flasks, quart	162

a Represents the expenditures for nitrate of soda.

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

K.—COST OF MATERIALS IN ONE GROSS OF BOTTLES.

and numbered serially. The numbers of the establishments to which they refer are shown in the second column.]

Sand.	Soda ash.	Burnt lime or raw lime-stone.	Glass.	Manga-nese.	Nitre.	Arsenic.	Other.	Total.	Prod-uct num-ber.
$0.2307	$0.8166	$0.0387	----------	$0.0324	*a* $0.0516	----------	$0.0855	$1.2555	1
.4598	1.6276	.0772	----------	.0646	*a*. 1027	----------	.1705	2.5024	2
.1296	.4950	.0330	$0.0471	.0113	.1259	$0.0144	----------	.8563	3
.1718	.6681	.0985	----------	.0084	----------	----------	----------	.9468	4
.1070	.5725	.0291	.0127	.0085	.1221	.0065	.0046	.8630	5
.1469	.5619	.0739	----------	----------	.1960	----------	.0574	1.0361	6
.2219	.5315	.0576	----------	----------	----------	----------	.0639	.8749	7
.2577	1.0021	.1478	----------	.0126	----------	----------	----------	1.4202	8
.2203	.8428	.1108	----------	----------	.2940	----------	.0862	1.5541	9
.2592	.9899	.0661	.0942	.0227	.2519	.0287	----------	1.7127	10
.1872	1.0019	.0509	.0222	.0149	.2137	.0113	.0081	1.5102	11
.1653	.6321	.0831	----------	----------	.2205	----------	.0646	1.1656	12
.2668	1.1858	.0356	----------	.0504	.2135	.0252	----------	1.7773	13
.1457	.5655	.0705	----------	.0097	.1261	.0061	.0014	.9250	14
.0906	.8118	.0484	.0070	.0124	*a*. 1613	.0159	.0032	1.1506	15
.2668	1.1858	.0356	----------	.0504	.2135	.0252	----------	1.7773	16
.2884	1.0208	.0484	----------	.0405	*a*. 0644	----------	.1069	1.5694	17
.2183	.7668	.0184	----------	----------	.1415	----------	----------	1.1450	18
.1404	.7515	.0382	.0166	.0112	.1603	.0085	.0060	1.1327	19
.0505	.8017	.0308	.0047	.0159	.2066	.0132	.0114	1.1348	20
.1928	.7375	.0970	----------	----------	.2572	----------	.0754	1.3599	21
.2268	.8662	.0578	.0824	.0199	.2204	.0251	----------	1.4986	22
.2239	.9310	.0820	----------	----------	----------	----------	.0036	1.2405	23
.2429	.9449	.1394	----------	.0119	----------	----------	----------	1.3391	24
.2934	1.3044	.0392	----------	.0555	.2348	.0277	----------	1.9550	25
.1971	.7651	.0954	----------	.0130	.1706	.0083	.0018	1.2513	26
.2203	.8428	.1108	----------	----------	.2940	----------	.0862	1.5541	27
.2760	1.1258	.0913	----------	.0438	----------	----------	.1641	1.7010	28
.2788	1.1372	.0922	----------	.0442	----------	----------	.1658	1.7182	29
.0385	.1497	.0187	----------	.0025	.0334	.0016	.0004	.2448	30
.0600	.2328	.0290	----------	.0040	.0519	.0025	.0006	.3808	31
.0653	.2497	.0328	----------	----------	.0871	----------	.0256	.4605	32
.0493	.1913	.0238	----------	.0032	.0426	.0021	.0005	.3128	33
.0493	.1913	.0238	----------	.0032	.0426	.0021	.0005	.3128	34
.1114	.4324	.0539	----------	.0074	.0964	.0047	.0011	.7073	35
.0193	.0748	.0093	----------	.0013	.0167	.0008	.0002	.1224	36
.0043	.0166	.0021	----------	.0003	.0037	*b* .0002	(*b*)	.0272	37
.0214	.0832	.0104	----------	.0014	.0185	.0009	.0002	.1360	38
.1285	.4990	.0622	----------	.0085	.1113	.0054	.0012	.8161	39
.0088	.0199	----------	.0248	----------	----------	----------	.0057	.0592	40
.0343	.1331	.0166	----------	.0023	.0297	.0014	.0003	.2177	41
.0563	.2504	.0075	----------	.0106	.0451	.0053	----------	.3752	42
.0471	.1830	.0228	----------	.0031	.0408	.0020	.0004	.2992	43
.0272	.2435	.0145	.0021	.0037	*a*. 0484	.0048	.0010	.3452	44
.0800	.3558	.0107	----------	.0151	.0640	.0076	----------	.5332	45
.0655	.2300	.0055	----------	----------	.0425	----------	----------	.3435	46
.0622	.2586	.0228	----------	----------	----------	----------	.0010	.3446	47
.0675	.2625	.0387	----------	.0033	----------	----------	----------	.3720	48
.0431	.2306	.0117	.0051	.0034	.0492	.0026	.0019	.3476	49
.0166	.2630	.0101	.0015	.0052	.0678	.0043	.0037	.3722	50
.1009	.3573	.0169	----------	.0142	*a*. 0226	----------	.0374	.5493	51
.0756	.2887	.0193	.0275	.0066	.0734	.0084	----------	.4995	52
.0514	.1996	.0249	----------	.0034	.0445	.0021	.0005	.3264	53
.0685	.2661	.0332	----------	.0045	.0593	.0029	.0007	.4352	54
.0453	.4059	.0242	.0035	.0062	*a*. 0807	.0079	.0016	.5753	55
.1400	.6226	.0187	----------	.0265	.1121	.0132	----------	.9331	56
.1140	.4354	.0291	.0414	.0100	.1108	.0126	----------	.7533	57
.1201	.4217	.0101	----------	----------	.0778	----------	----------	.6297	58
.1131	.4702	.0414	----------	----------	----------	----------	.0018	.6265	59
.1227	.4772	.0704	----------	.0060	----------	----------	----------	.6763	60
.1730	.6125	.0290	----------	.0243	*a*. 0387	----------	.0641	.9416	61
.0869	.4652	.0236	.0103	.0069	.0992	.0053	.0038	.7012	62
.0313	.4963	.0191	.0029	.0098	.1279	.0082	.0070	.7025	63
.0814	.3160	.0394	----------	.0054	.0704	.0034	.0008	.5168	64
.1371	.5322	.0664	----------	.0091	.1186	.0058	.0013	.8705	65
.2342	1.0409	.0313	----------	.0442	.1874	.0221	----------	1.5601	66
.1896	.7241	.0484	.0689	.0166	.1842	.0210	----------	1.2528	67
.0805	.7216	.0430	.0063	.0110	*a*. 1433	.0141	.0029	1.0227	68
.1953	.6859	.0164	----------	----------	.1265	----------	----------	1.0241	69
.2595	.9187	.0436	----------	.0365	*a*. 0580	----------	.0962	1.4125	70
.1832	.7617	.0671	----------	----------	----------	----------	.0029	1.0149	71

b The expenditures for other materials are inseparably combined with those for arsenic.

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

K.—COST OF MATERIALS IN ONE GROSS OF BOTTLES—Continued.

[The preceding sub-tables (A to J) relate to each establishment as a whole, but this and the following (K to N) relate to individual products of the establishments, those of a like kind being grouped together

Product number.	Establishment number.	Description.	Weight per gross in pounds.
72	14	Flasks, quart	165
73	1	Flasks, quart	207
74	3	Flasks, quart	207
75	10	Flasks, fancy, half-pint	55
76	10	Flasks, fancy, pint	100
77	10	Flasks, fancy, quart	162
78	5	Flasks, lettered, quarter-pint	36
79	5	Flasks, lettered, half-pint	49⅓
80	5	Flasks, lettered, full half-pint	54
81	5	Flasks, lettered, pint	72
82	5	Flasks, lettered, quart	144
83	6	Flasks, picnic, scant pint	99
84	6	Flasks, picnic, scant quart	198
85	5	Flasks, union, 16-ounce	81
86	5	Honey jars, wide mouth, 12-ounce	117
87	5	Horse radish, 8-ounce	54
88	5	Inhalers, ounce	22½
89	5	Ink wells	9
90	5	Morphine, half-ounce	6⅔
91	5	Morphine, 2-ounce	24¾
92	5	Mucilage, 2-ounce	22⅔
93	5	Mustard, 4-ounce	31½
94	6	Mustard, 4-ounce	45
95	5	Mustard, 6-ounce	54
96	6	Mustard, 6-ounce	64
97	5	Mustard, 8-ounce	63
98	5	Mustard, 12-ounce	117
99	5	Oval, Chicago, half-ounce	6¾
100	5	Oval, Chicago, 2-ounce	20½
101	5	Oval, Chicago, 3-ounce	33¾
102	5	Oval, Chicago, 4-ounce	40½
103	5	Oval, Chicago, 6-ounce	45
104	5	Oval, Chicago, 8-ounce	56½
105	5	Oval, Chicago, 12-ounce	76½
106	5	Oval, Chicago, 16-ounce	99
107	5	Oval, Chicago, 32-ounce	180
108	5	Oval, Chicago, lettered, 3-ounce	33¾
109	5	Oval, Chicago, lettered, 4-ounce	40½
110	5	Oval, Chicago, lettered, 6-ounce	45
111	5	Oval, Chicago, lettered, 12-ounce	76½
112	1	Packing, druggists', pint	100
113	2	Packing, druggists', pint	100
114	12	Packing, druggists', pint	100
115	14	Packing, druggists', pint	100
116	11	Packing, druggists', pint	103
117	6	Packing, druggists', pint	104
118	13	Packing, druggists', pint	104
119	7	Packing, druggists', pint	117
120	8	Packing, druggists', pint	117
121	2	Packing, druggists', quart	171
122	7	Packing, druggists', quart	171
123	8	Packing, druggists', quart	171
124	11	Packing, druggists', quart	180
125	13	Packing, druggists', quart	180
126	14	Packing, druggists', quart	180
127	1	Packing, druggists', quart	185
128	12	Packing, druggists', quart	185
129	6	Packing, druggists', quart	198
130	8	Packing, druggists', half-gallon	258
131	13	Packing, druggists', half-gallon	288
132	5	Panel, ½-ounce	29¼
133	5	Panel, 2-ounce	31⅓
134	5	Panel, 3-ounce	40⅓
135	5	Panel, 5-ounce	49½
136	5	Panel, 12-ounce	90
137	5	Panel, ball neck, ounce	24¾
138	5	Panel, ball neck, 2-ounce	31⅓
139	5	Panel, ball neck, 3-ounce	40⅓

a The expenditures for other materials are inseparably combined with those for arsenic.

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

K.—COST OF MATERIALS IN ONE GROSS OF BOTTLES—Continued.

and numbered serially. The numbers of the establishments to which they refer are shown in the second column.]

Sand.	Soda ash.	Burnt lime or raw lime-stone.	Glass.	Manga-nese.	Nitre.	Arsenic.	Other.	Total.	Prod-uct num-ber.
$0.2024	$0.7874	$0.1162	----------	$0.0099	----------	----------	----------	$1.1159	72
.1538	.8230	.0418	$0.0182	.0122	$0.1756	$0.0093	$0.0066	1.2405	73
.0553	.8781	.0337	.0052	.0174	.2262	.0145	.0124	1.2428	74
.0767	.3127	.0254	----------	.0121	----------	----------	.0456	.4725	75
.1394	.5686	.0461	----------	.0221	----------	----------	.0829	.8591	76
.2258	.9211	.0747	----------	.0358	----------	----------	.1343	1.3917	77
.0343	.1331	.0166	----------	.0023	.0297	.0014	.0003	.2177	78
.0471	.1830	.0228	----------	.0031	.0408	.0020	.0004	.2992	79
.0514	.1996	.0249	----------	.0034	.0445	.0021	.0005	.3264	80
.0685	.2661	.0332	----------	.0045	.0593	.0029	.0007	.4352	81
.1371	.5322	.0664	----------	.0091	.1186	.0058	.0013	.8705	82
.1010	.3863	.0508	----------	----------	.1347	----------	.0395	.7123	83
.2019	.7726	.1016	----------	----------	.2695	----------	.0790	1.4246	84
.0771	.2994	.0373	----------	.0051	.0668	.0032	.0007	.4896	85
.1114	.4324	.0539	----------	.0074	.0964	.0047	.0011	.7073	86
.0514	.1996	.0249	----------	.0034	.0445	.0021	.0005	.3264	87
.0214	.0832	.0104	----------	.0014	.0185	.0009	.0002	.1360	88
.0086	.0333	.0041	----------	.0006	.0074	.0003	.0001	.0544	89
.0064	.0250	.0031	----------	.0004	.0056	*a* .0003	(*a*)	.0408	90
.0235	.0915	.0114	----------	.0016	.0204	.0010	.0002	.1496	91
.0214	.0832	.0104	----------	.0014	.0185	.0009	.0002	.1360	92
.0300	.1164	.0145	----------	.0020	.0259	.0013	.0003	.1904	93
.0459	.1756	.0231	----------	----------	.0612	----------	.0180	.3238	94
.0514	.1996	.0249	----------	.0034	.0445	.0021	.0005	.3264	95
.0653	.2497	.0328	----------	----------	.0371	----------	.0256	.4605	96
.0600	.2328	.0290	----------	.0040	.0519	.0025	.0006	.3808	97
.1114	.4324	.0539	----------	.0074	.0964	.0047	.0011	.7073	98
.0064	.0250	.0031	----------	.0004	.0056	*a* .0003	(*a*)	.0408	99
.0193	.0743	.0093	----------	.0013	.0167	.0008	.0002	.1224	100
.0321	.1247	.0156	----------	.0021	.0278	.0014	.0003	.2040	101
.0385	.1497	.0187	----------	.0025	.0334	.0016	.0004	.2448	102
.0428	.1663	.0208	----------	.0028	.0371	.0018	.0004	.2720	103
.0538	.2088	.0260	----------	.0036	.0466	.0023	.0005	.3416	104
.0728	.2827	.0353	----------	.0048	.0630	.0031	.0007	.4624	105
.0943	.3659	.0456	----------	.0062	.0816	.0040	.0009	.5985	106
.1714	.6653	.0830	----------	.0113	.1483	.0072	.0016	1.0881	107
.0321	.1247	.0156	----------	.0021	.0278	.0014	.0003	.2040	108
.0385	.1497	.0187	----------	.0025	.0334	.0016	.0004	.2448	109
.0428	.1663	.0208	----------	.0028	.0371	.0018	.0004	.2720	110
.0728	.2827	.0353	----------	.0048	.0630	.0031	.0007	.4624	111
.0743	.3976	.0202	.0088	.0059	.0848	.0045	.0032	.5993	112
.0503	.4510	.0269	.0039	.0069	*b* .0896	.0088	.0018	.6392	113
.1131	.4702	.0414	----------	----------	----------	----------	.0018	.6265	114
.1227	.4772	.0704	----------	.0060	----------	----------	----------	.6763	115
.1236	.4721	.0315	.0449	.0108	.1201	.0137	----------	.8167	116
.1061	.4058	.0534	----------	----------	.1415	----------	.0415	.7483	117
.1262	.4430	.0106	----------	----------	.0817	----------	----------	.6615	118
.1803	.4318	.0468	----------	----------	----------	----------	.0520	.7109	119
.1874	.6635	.0315	----------	.0263	*b* .0419	----------	.0695	1.0201	120
.0860	.7712	.0460	.0067	.0118	*b* .1532	.0150	.0031	1.0930	121
.2635	.6312	.0684	----------	----------	----------	----------	.0759	1.0390	122
.2740	.9697	.0460	----------	.0385	*b* .0612	----------	.1016	1.4910	123
.2160	.8249	.0551	.0785	.0189	.2099	.0239	----------	1.4272	124
.2183	.7668	.0184	----------	----------	.1415	----------	----------	1.1450	125
.2209	.8589	.1267	----------	.0108	----------	----------	----------	1.2173	126
.1374	.7356	.0374	.0163	.0109	.1569	.0083	.0059	1.1087	127
.2092	.8699	.0766	----------	----------	----------	----------	.0033	1.1590	128
.2019	.7726	.1016	----------	----------	.2695	----------	.0790	1.4246	129
.4133	1.4631	.0694	----------	.0580	*b* .0924	----------	.1533	2.2495	130
.3493	1.2269	.0294	----------	----------	.2264	----------	----------	1.8320	131
.0278	.1081	.0135	----------	.0018	.0241	.0012	.0003	.1768	132
.0300	.1164	.0145	----------	.0020	.0259	.0013	.0003	.1904	133
.0385	.1497	.0187	----------	.0025	.0334	.0016	.0004	.2448	134
.0471	.1830	.0228	----------	.0031	.0408	.0020	.0004	.2992	135
.0857	.3326	.0415	----------	.0057	.0742	.0036	.0008	.5441	136
.0235	.0915	.0114	----------	.0016	.0204	.0010	.0002	.1496	137
.0300	.1164	.0145	----------	.0020	.0259	.0013	.0003	.1904	138
.0385	.1497	.0187	----------	.0025	.0334	.0016	.0004	.2448	139

b Represents the expenditures for nitrate of soda.

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

K.—COST OF MATERIALS IN ONE GROSS OF BOTTLES—Continued.

[The preceding sub-tables (A to J) relate to each establishment as a whole, but this and the following (K to N) relate to individual products of the establishments, those of a like kind being grouped together

Product number.	Establishment number.	Description.	Weight per gross in pounds.
140	5	Panel, ball neck, 4-ounce	51½
141	5	Panel, ball neck, 6-ounce	63
142	5	Panel, ball neck, 8-ounce	108
143	5	Panel, ball neck, 12-ounce	126
144	5	Panel, lettered, 3-ounce	40½
145	7	Perfumery, 4-ounce	36
146	7	Perfumery, 6-ounce	45
147	7	Perfumery, 8-ounce	54
148	7	Perfumery, 10-ounce	63
149	7	Perfumery, 12-ounce	81
150	7	Perfumery, 16-ounce	108
151	7	Perfumery, 32-ounce	171
152	5	Pickle, 8-ounce	81
153	5	Pickle, American, 10-ounce	81
154	5	Pickle, American, half-pint	81
155	11	Prescription, half ounce	7
156	11	Prescription, ounce	13
157	11	Prescription, 2-ounce	22
158	11	Prescription, 3-ounce	27
159	5	Prescription, 32-ounce	171
160	5	Prescription, Baltimore, 6-ounce	45
161	5	Prescription, Baltimore, 8-ounce	63
162	5	Prescription, Baltimore, 32-ounce	171
163	5	Prescription, Baltimore, lettered, 3-ounce	31½
164	5	Prescription, Baltimore, lettered, 8-ounce	63
165	5	Prescription, Baltimore, lettered, 12-ounce	76½
166	5	Prescription, Baltimore, lettered, 16-ounce	108
167	5	Prescription, Baltimore, lettered, 32-ounce	171
168	5	Prescription, French, eighth-ounce	2¼
169	5	Prescription, French, ounce	11¼
170	5	Prescription, French, 5-ounce	43½
171	5	Prescription, French, 12-ounce	76½
172	5	Prescription, French, 16-ounce	108
173	3	Prescription, French square, half-ounce	7
174	1	Prescription, French square, ounce	12
175	3	Prescription, French square, ounce	12
176	6	Prescription, French square, ounce	12
177	1	Prescription, French square, 2-ounce	18
178	3	Prescription, French square, 2-ounce	18
179	6	Prescription, French square, 2-ounce	22
180	3	Prescription, French square, 3-ounce	25
181	1	Prescription, French square, 3-ounce	27
182	5	Prescription, French square, 4-ounce	33¾
183	12	Prescription, French square, 4-ounce	34
184	14	Prescription, French square, 4-ounce	34
185	1	Prescription, French square, 4-ounce	36
186	2	Prescription, French square, 4-ounce	36
187	3	Prescription, French square, 4-ounce	36
188	6	Prescription, French square, 4-ounce	36
189	7	Prescription, French square, 4-ounce	36
190	11	Prescription, French square, 4-ounce	36
191	13	Prescription, French square, 4-ounce	36
192	8	Prescription, French square, 4-ounce	37
193	1	Prescription, French square, 6-ounce	42
194	2	Prescription, French square, 6-ounce	43
195	8	Prescription, French square, 6-ounce	43
196	3	Prescription, French square, 6-ounce	45
197	5	Prescription, French square, 6-ounce	45
198	6	Prescription, French square, 6-ounce	45
199	7	Prescription, French square, 6-ounce	45
200	11	Prescription, French square, 6-ounce	45
201	12	Prescription, French square, 6-ounce	45
202	13	Prescription, French square, 6-ounce	45
203	14	Prescription, French square, 6-ounce	45
204	1	Prescription, French square, 8-ounce	54
205	2	Prescription, French square, 8-ounce	54
206	3	Prescription, French square, 8-ounce	54
207	7	Prescription, French square, 8-ounce	54
208	12	Prescription, French square, 8-ounce	55
209	11	Prescription, French square, 8-ounce	58

a The expenditures for other materials are inseparably combined with those for arsenic.

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

K.—COST OF MATERIALS IN ONE GROSS OF BOTTLES—Continued.

and numbered serially. The numbers of the establishments to which they refer are shown in the second column.]

Sand.	Soda ash.	Burnt lime or raw limestone.	Glass.	Manganese.	Nitre.	Arsenic.	Other.	Total.	Product number.
$0.0493	$0.1913	$0.0238	----------	$0.0032	$0.0426	$0.0021	$0.0005	$0.3128	140
.0600	.2328	.0290	----------	.0040	.0519	.0025	.0006	.3808	141
.1028	.3992	.0498	----------	.0068	.0890	.0043	.0010	.6529	142
.1200	.4657	.0581	----------	.0079	.1038	.0051	.0011	.7617	143
.0385	.1497	.0187	----------	.0025	.0334	.0016	.0004	.2448	144
.0555	.1328	.0144	----------	----------	----------	----------	.0160	.2187	145
.0693	.1661	.0180	----------	----------	----------	----------	.0200	.2734	146
.0832	.1993	.0216	----------	----------	----------	----------	.0240	.3281	147
.0971	.2325	.0252	----------	----------	----------	----------	.0280	.3828	148
.1248	.2990	.0324	----------	----------	----------	----------	.0360	.4922	149
.1664	.3986	.0432	----------	----------	----------	----------	.0480	.6562	150
.2635	.6312	.0684	----------	----------	----------	----------	.0759	1.0390	151
.0771	.2994	.0373	----------	.0051	.0668	.0032	.0007	.4896	152
.0771	.2994	.0373	----------	.0051	.0668	.0032	.0007	.4896	153
.0771	.2994	.0373	----------	.0051	.0668	.0032	.0007	.4896	154
.0084	.0321	.0021	$0.0031	.0007	.0082	.0009	----------	.0555	155
.0156	.0596	.0040	.0057	.0014	.0151	.0017	----------	.1031	156
.0264	.1008	.0067	.0096	.0023	.0257	.0029	----------	.1744	157
.0324	.1237	.0083	.0118	.0028	.0315	.0036	----------	.2141	158
.1628	.6320	.0788	----------	.0108	.1409	.0069	.0015	1.0337	159
.0428	.1663	.0208	----------	.0028	.0371	.0018	.0004	.2720	160
.0600	.2328	.0290	----------	.0040	.0519	.0025	.0006	.3808	161
.1628	.6320	.0788	----------	.0108	.1409	.0069	.0015	1.0337	162
.0300	.1164	.0145	----------	.0020	.0259	.0013	.0003	.1904	163
.0600	.2328	.0290	----------	.0040	.0519	.0025	.0006	.3808	164
.0728	.2827	.0353	----------	.0048	.0630	.0031	.0007	.4624	165
.1028	.3992	.0498	----------	.0068	.0890	.0043	.0010	.6529	166
.1628	.6320	.0788	----------	.0108	.1409	.0069	.0015	1.0337	167
.0022	.0083	.0010	----------	.0002	.0019	*a* .0001	(*a*)	.0137	168
.0107	.0416	.0052	----------	.0007	.0093	.0004	.0001	.0680	169
.0414	.1608	.0201	----------	.0027	.0359	.0017	.0004	.2630	170
.0728	.2827	.0353	----------	.0048	.0639	.0031	.0007	.4624	171
.1028	.3992	.0498	----------	.0068	.0890	.0043	.0010	.6529	172
.0019	.0297	.0011	.0002	.0006	.0076	.0005	.0004	.0420	173
.0089	.0477	.0024	.0011	.0007	.0102	.0005	.0004	.0719	174
.0032	.0509	.0020	.0003	.0010	.0131	.0008	.0007	.0720	175
.0122	.0468	.0062	----------	----------	.0163	----------	.0048	.0863	176
.0134	.0716	.0036	.0016	.0010	.0153	.0008	.0006	.1079	177
.0048	.0764	.0029	.0004	.0015	.0197	.0013	.0011	.1081	178
.0224	.0859	.0113	----------	----------	.0299	----------	.0088	.1583	179
.0067	.1061	.0041	.0006	.0021	.0273	.0017	.0015	.1501	180
.0201	.1073	.0055	.0024	.0016	.0229	.0012	.0008	.1618	181
.0321	.1247	.0156	----------	.0021	.0278	.0014	.0003	.2040	182
.0384	.1599	.0141	----------	----------	----------	----------	.0006	.2130	183
.0417	.1623	.0239	----------	.0020	----------	----------	----------	.2299	184
.0267	.1431	.0073	.0032	.0021	.0305	.0016	.0012	.2157	185
.0181	.1623	.0097	.0014	.0025	*b* .0323	.0032	.0006	.2301	186
.0096	.1527	.0059	.0009	.0030	.0393	.0025	.0022	.2161	187
.0367	.1405	.0185	----------	----------	.0490	----------	.0143	.2590	188
.0555	.1328	.0144	----------	----------	----------	----------	.0160	.2187	189
.0432	.1650	.0110	.0157	.0038	.0420	.0048	----------	.2855	190
.0437	.1533	.0037	----------	----------	.0283	----------	----------	.2290	191
.0593	.2098	.0100	----------	.0083	*b* .0132	----------	.0220	.3226	192
.0312	.1670	.0085	.0037	.0025	.0356	.0019	.0013	.2587	193
.0216	.1939	.0116	.0017	.0029	*b* .0385	.0038	.0008	.2748	194
.0689	.2438	.0116	----------	.0097	*b* .0154	----------	.0255	.3749	195
.0120	.1909	.0073	.0011	.0038	.0492	.0032	.0027	.2702	196
.0428	.1663	.0208	----------	.0028	.0371	.0018	.0004	.2720	197
.0459	.1756	.0231	----------	----------	.0612	----------	.0180	.3238	198
.0693	.1661	.0180	----------	----------	----------	----------	.0200	.2734	199
.0540	.2062	.0138	.0196	.0047	.0525	.0060	----------	.3568	200
.0509	.2116	.0186	----------	----------	----------	----------	.0008	.2819	201
.0546	.1917	.0046	----------	----------	.0353	----------	----------	.2862	202
.0552	.2147	.0317	----------	.0027	----------	----------	----------	.3043	203
.0401	.2147	.0109	.0048	.0032	.0458	.0024	.0017	.3236	204
.0272	.2435	.0145	.0021	.0037	*b* .0484	.0048	.0010	.3452	205
.0144	.2291	.0088	.0014	.0045	.0590	.0038	.0032	.3242	206
.0832	.1993	.0216	----------	----------	----------	----------	.0240	.3281	207
.0622	.2586	.0228	----------	----------	----------	----------	.0010	.3446	208
.0696	.2658	.0178	.0253	.0061	.0676	.0077	----------	.4599	209

b Represents the expenditures for nitrate of soda.

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

K.—COST OF MATERIALS IN ONE GROSS OF BOTTLES—Concluded.

[The preceding sub-tables (A to J) relate to the establishment as a whole, but this and the following (K to N) relate to individual products of the establishments, those of a like kind being grouped together

Product number.	Establishment number.	Description.	Weight per gross in pounds.
210	8	Prescription, French square, 8-ounce	59
211	13	Prescription, French square, 8-ounce	59
212	14	Prescription, French square, 8-ounce	60
213	5	Prescription, French square, 8-ounce	63
214	6	Prescription, French square, 8-ounce	63
215	7	Prescription, French square, 10-ounce	63
216	3	Prescription, French square, 10-ounce	66
217	11	Prescription, French square, 10-ounce	67
218	8	Prescription, French square, 10-ounce	68
219	13	Prescription, French square, 10-ounce	68
220	1	Prescription, French square, 12-ounce	76
221	5	Prescription, French square, 12-ounce	76½
222	2	Prescription, French square, 12-ounce	77
223	12	Prescription, French square, 12-ounce	77
224	14	Prescription, French square, 12-ounce	77
225	3	Prescription, French square, 12-ounce	81
226	7	Prescription, French square, 12-ounce	81
227	8	Prescription, French square, 12-ounce	81
228	11	Prescription, French square, 12-ounce	81
229	13	Prescription, French square, 12-ounce	81
230	6	Prescription, French square, 12-ounce	90
231	1	Prescription, French square, 16-ounce	98
232	2	Prescription, French square, 16-ounce	98
233	12	Prescription, French square, 16-ounce	100
234	14	Prescription, French square, 16-ounce	100
235	3	Prescription, French square, 16-ounce	103
236	11	Prescription, French square, 16-ounce	103
237	13	Prescription, French square, 16-ounce	104
238	5	Prescription, French square, 16-ounce	108
239	6	Prescription, French square, 16-ounce	108
240	7	Prescription, French square, 16-ounce	108
241	8	Prescription, French square, 16-ounce	108
242	2	Prescription, French square, 32-ounce	171
243	7	Prescription, French square, 32-ounce	171
244	1	Prescription, French square, 32-ounce	180
245	3	Prescription, French square, 32-ounce	180
246	6	Prescription, French square, 32-ounce	180
247	8	Prescription, French square, 32-ounce	180
248	11	Prescription, French square, 32-ounce	180
249	13	Prescription, French square, 32-ounce	180
250	14	Prescription, French square, 32-ounce	180
251	12	Prescription, French square, 32-ounce	185
252	5	Prescription, French, wide-mouth, half-ounce	6¾
253	5	Prescription, French, wide-mouth, 2-ounce	24¾
254	5	Prescription, French, wide-mouth, 6-ounce	45
255	5	Prescription, Philadelphia, half-ounce	6¾
256	5	Prescription, Philadelphia, 2-ounce	20¼
257	5	Prescription, Philadelphia, 3-ounce	29¼
258	5	Prescription, Philadelphia, 4-ounce	33¾
259	5	Prescription, Philadelphia, 16-ounce	108
260	5	Prescription, Philadelphia, lettered, half-ounce	6¾
261	5	Prescription, Philadelphia, lettered, 2-ounce	20¼
262	5	Prescription, Philadelphia, lettered, 4-ounce	33¾
263	5	Prescription, Philadelphia, lettered, 6-ounce	45
264	5	Prescription, Philadelphia, lettered, 8-ounce	63
265	5	Prescription, round-shouldered, 4-ounce	36
266	5	Prescription, round-shouldered, 8-ounce	58½
267	5	Prescription, round-shouldered, 12-ounce	81
268	5	Prescription, round-shouldered, 32-ounce	180
269	5	Prescription, round-shouldered, wide-mouth, ounce	11½
270	5	Prescription, round-shouldered, wide-mouth, 3-ounce	31½
271	5	Prescription, round-shouldered, wide-mouth, 4-ounce	43½
272	5	Prescription, round-shouldered, wide-mouth, 8-ounce	58½
273	5	Prescription, round-shouldered, wide-mouth, 12-ounce	81
274	5	Prescription, round-shouldered, wide-mouth, 16-ounce	112½
275	5	Prescription, round-shouldered, wide-mouth, 32-ounce	171
276	5	Prescription, worm, 2-ounce	9
277	5	Pomade, ounce	20¼
278	5	Pomade, 2-ounce	22½
279	6	Wine, 12-ounce	126

a Represents the expenditures for nitrate of soda.

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

K.—COST OF MATERIALS IN ONE GROSS OF BOTTLES—Concluded.

and numbered serially. The numbers of the establishment to which they refer are shown in the second column.]

Sand.	Soda ash.	Burnt lime or raw limestone.	Glass.	Manganese.	Nitre.	Arsenic.	Other.	Total.	Product number.
$0.0945	$0.3346	$0.0159	----------	$0.0133	*a* $0.0211	----------	$0.0350	$0.5144	210
.0716	.2513	.0060	----------	----------	.0464	----------	----------	.3753	211
.0736	.2863	.0423	----------	.0036	----------	----------	----------	.4058	212
.0600	.2328	.0290	----------	.0040	.0519	$0.0025	.0006	.3808	213
.0643	.2458	.0323	----------	----------	.0858	----------	.0251	.4533	214
.0971	.2325	.0252	----------	----------	----------	----------	.0280	.3828	215
.0176	.2800	.0208	$0.0017	.0055	.0721	.0046	.0040	.3963	216
.0804	.3071	.0205	.0292	.0071	.0781	.0089	----------	.5313	217
.1089	.3856	.0183	----------	.0153	*a* .0244	----------	.0404	.5929	218
.0825	.2897	.0069	----------	----------	.0554	----------	----------	.4325	219
.0565	.3022	.0154	.0067	.0945	.0644	.0034	.0024	.4555	220
.0728	.2827	.0353	----------	.0048	.0630	.0031	.0007	.4624	221
.0387	.3473	.0207	.0030	.0053	*a* .0690	.0068	.0014	.4922	222
.0871	.3620	.0319	----------	----------	----------	----------	.0014	.4824	223
.0945	.3675	.0542	----------	.0046	----------	----------	----------	.5208	224
.0216	.3436	.0132	.0020	.0068	.0385	.0057	.0049	.4863	225
.1248	.2990	.0324	----------	----------	----------	----------	.0360	.4922	226
.1298	.4593	.0218	----------	.0182	*a* .0290	----------	.0481	.7062	227
.0972	.3712	.0248	.0353	.0085	.0944	.0108	----------	.6422	228
.0982	.3451	.0083	----------	----------	.0637	----------	----------	.5153	229
.0918	.3512	.0462	----------	----------	.1225	----------	.0359	.6476	230
.0728	.3897	.0198	.0086	.0058	.0831	.0044	.0031	.5873	231
.0493	.4420	.0263	.0038	.0068	*a* .0878	.0086	.0018	.6264	232
.1131	.4702	.0414	----------	----------	----------	----------	.0018	.6265	233
.1227	.4772	.0704	----------	.0060	----------	----------	----------	.6763	234
.0275	.4369	.0168	.0026	.0086	.1126	.0072	.0062	.6184	235
.1236	.4721	.0315	.0449	.0108	.1201	.0137	----------	.8167	236
.1262	.4430	.0106	----------	----------	.0817	----------	----------	.6615	237
.1028	.3992	.0498	----------	.0068	.0890	.0043	.0010	.6529	238
.1102	.4214	.0554	----------	----------	.1470	----------	.0431	.7771	239
.1664	.3986	.0432	----------	----------	----------	----------	.0480	.6562	240
.1730	.6125	.0290	----------	.0243	*a* .0387	----------	.0641	.9416	241
.0860	.7712	.0460	.0067	.0118	*a* .1532	.0150	.0031	1.0930	242
.2635	.6312	.0684	----------	----------	----------	----------	.0759	1.0390	243
.1337	.7157	.0364	.0158	.0106	.1526	.0081	.0058	1.0787	244
.0481	.7636	.0293	.0045	.0151	.1967	.0126	.0108	1.0807	245
.1836	.7024	.0923	----------	----------	.2450	----------	.0718	1.2951	246
.2884	1.0208	.0484	----------	.0405	*a* .0644	----------	.1069	1.5694	247
.2160	.8249	.0551	.0785	.0189	.2099	.0239	----------	1.4272	248
.2183	.7668	.0184	----------	----------	.1445	----------	----------	1.1450	249
.2209	.8589	.1267	----------	.0108	----------	----------	----------	1.2173	250
.2092	.8699	.0766	----------	----------	----------	----------	.0033	1.1590	251
.0064	.0250	.0031	----------	.0004	.0056	*b* .0003	(*b*)	.0408	252
.0235	.0915	.0114	----------	.0016	.0204	.0010	.0002	.1496	253
.0428	.1663	.0208	----------	.0028	.0371	.0018	.0004	.2720	254
.0064	.0250	.0031	----------	.0004	.0056	*b* .0003	(*b*)	.0408	255
.0193	.0748	.0093	----------	.0013	.0167	.0008	.0002	.1224	256
.0278	.1081	.0135	----------	.0018	.0241	.0012	.0003	.1768	257
.0321	.1247	.0156	----------	.0021	.0278	.0014	.0003	.2040	258
.1028	.3992	.0498	----------	.0068	.0890	.0043	.0010	.6529	259
.0064	.0250	.0031	----------	.0004	.0056	*b* .0003	(*b*)	.0408	260
.0193	.0748	.0093	----------	.0013	.0167	.0008	.0002	.1224	261
.0321	.1247	.0156	----------	.0021	.0278	.0014	.0003	.2040	262
.0428	.1663	.0208	----------	.0028	.0371	.0018	.0004	.2720	263
.0600	.2328	.0290	----------	.0040	.0519	.0025	.0006	.3808	264
.0343	.1330	.0166	----------	.0023	.0297	.0014	.0003	.2176	265
.0557	.2162	.0270	----------	.0037	.0482	.0023	.0005	.3536	266
.0771	.2994	.0374	----------	.0051	.0668	.0032	.0007	.4897	267
.1714	.6653	.0830	----------	.0113	.1483	.0072	.0016	1.0881	268
.0107	.0416	.0052	----------	.0007	.0093	.0004	.0001	.0680	269
.0300	.1164	.0145	----------	.0020	.0259	.0013	.0003	.1904	270
.0414	.1608	.0201	----------	.0027	.0359	.0017	.0004	.2630	271
.0557	.2162	.0270	----------	.0037	.0482	.0023	.0005	.3536	272
.0771	.2994	.0374	----------	.0051	.0668	.0032	.0007	.4897	273
.1071	.4158	.0519	----------	.0071	.0927	.0045	.0010	.6801	274
.1628	.6320	.0788	----------	.0108	.1409	.0069	.0015	1.0337	275
.0086	.0333	.0041	----------	.0006	.0074	.0004	.0001	.0545	276
.0193	.0748	.0093	----------	.0013	.0167	.0008	.0002	.1224	277
.0214	.0832	.0104	----------	.0014	.0185	.0009	.0002	.1360	278
.1285	.4917	.0646	----------	----------	.1715	----------	.0503	.9066	279

b The expenditures for other materials are inseparably combined with those for arsenic.

TABLE IX.—COST OF PRODUCTION OF FLINT GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

L.—ELEMENTS OF COST IN ONE GROSS OF BOTTLES.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Product number.	Establishment number.	Materials.	Packing-box.	All labor except blowing.	Blowing labor.	Officials and clerks.	Supplies and repairs.	Fuel.	Taxes.	Total.
1	8	$1.2555	$0.2500	$0.6960	$1.2298	$0.0675	$0.1119	$0.3168	$0.0151	$3.9426
2	8	2.5024	.5200	1.3871	1.7544	.1346	.2230	.6314	.0301	7.1830
3	11	.8563	.4000	1.0243	1.3585	.3042	.1229	.1886	.0120	4.2668
4	14	.9468	.5000	.9628	1.2973	.1987	.2211	.3529	.0060	4.4856
5	1	.8639	.2000	1.3126	1.2284	.0711	.1983	.1341	.0055	4.0130
6	6	1.0361	.4000	1.1478	1.4300	.2932	.3287	.3743	.0204	5.0305
7	7	.8749	.2500	1.2433	1.5000	.3194	.2811	.5718	.0255	5.0660
8	14	1.4202	.7000	1.4442	1.5400	.2980	.3316	.5294	.0090	6.2724
9	6	1.5541	.5000	1.7217	1.9800	.4398	.4931	.5614	.0307	7.2808
10	11	1.7127	.6000	2.0485	1.8810	.6085	.2458	.3771	.0240	7.4976
11	1	1.5102	.2500	2.2970	1.7400	.1245	.3470	.2346	.0096	6.5129
12	6	1.1656	.5900	1.2913	1.4500	.3298	.3699	.4210	.0230	5.5506
13	4	1.7773	.2000	.8219	1.6500	.1294	.2353	(a)	.0077	4.8216
14	5	.9250	.6000	1.1534	1.6005	.4592	.2907	.0197	.0058	5.0543
15	2	1.1506	.5400	1.4396	1.5180	.5388	.3121	.8759	.0601	6.4351
16	4	1.7773	.2800	.8219	1.6500	.1294	.2353	(a)	.0077	4.9016
17	8	1.5694	.4000	.8699	1.4190	.0844	.1399	.3960	.0189	4.8975
18	13	1.1450	.5100	1.5741	1.5098	.3605	.4518	.2961	.0382	5.8855
19	1	1.1327	.5600	1.7227	1.4520	.0934	.2602	.1760	.0072	5.4042
20	3	1.1348	.5600	1.1926	1.4850	.3542	.2028	.5517	.0312	5.5123
21	6	1.3599	.5000	1.5065	1.6500	.3848	.4315	.4912	.0268	6.3507
22	11	1.4986	.4000	1.6924	1.5675	.5224	.2151	.3300	.0210	6.2570
23	12	1.2405	.5500	1.2379	1.5807	.3057	.3122	.5459	.0780	5.8509
24	14	1.3391	.5500	1.3616	1.5399	.2810	.3126	.4992	.0085	5.8919
25	4	1.9550	.4000	.9041	1.9800	.1424	.2588	(a)	.0085	5.6488
26	5	1.2513	.6600	1.5606	1.9206	.6212	.3933	.0267	.0079	6.4416
27	6	1.5541	.5000	1.7217	1.9800	.4398	.4931	.5614	.0307	7.2808
28	10	1.7010	.5700	3.4892	1.5510	.6571	.3095	1.2500	.0182	9.5460
29	10	1.7182	.6000	3.5244	1.8612	.6638	.3126	1.2626	.0184	9.9612
30	5	.2448	.1050	.3053	.7178	.1216	.0770	.0052	.0015	1.5782
31	5	.3808	.2133	.4750	.8342	.1891	.1197	.0081	.0024	2.2226
32	6	.4605	.2500	.5101	.8600	.1303	.1461	.1663	.0091	2.5324
33	5	.3128	.1833	.3901	.6208	.1553	.0983	.0067	.0020	1.7693
34	5	.3128	.1833	.3901	.6790	.1553	.0983	.0067	.0020	1.8275
35	5	.7073	.1360	.8821	1.3386	.3511	.2223	.0151	.0044	3.6569
36	5	.1224	.0633	.1527	.6402	.0608	.0385	.0026	.0007	1.0812
37	5	.0272	.0900	.0339	.4753	.0135	.0085	.0006	.0002	.6492
38	5	.1360	.0667	.1696	.4947	.0675	.0428	.0029	.0009	.9811
39	5	.8161	.5800	1.0177	1.6005	.4052	.2565	.0174	.0051	4.6985
40	9	.0592	.0800	.1193	1.1000	.0076	.0090	.0790	----------	1.4541
41	5	.2177	.1500	.2714	.5723	.1080	.0684	.0046	.0014	1.3938
42	4	.3752	.1000	.1735	.5900	.0273	.0497	(a)	.0016	1.3173
43	5	.2992	.2800	.3732	.6305	.1485	.0941	.0064	.0019	1.8338
44	2	.3452	.2600	.4319	.6640	.1616	.0936	.2628	.0186	2.2371
45	4	.5322	.1000	.2466	.6500	.0388	.0706	(a)	.0023	1.6415
46	13	.3435	.2400	.4722	.6405	.1082	.1355	.0888	.0115	2.0402
47	12	.3446	.2500	.3439	.6706	.0849	.0867	.1516	.0217	1.9540
48	14	.3720	.2500	.3782	.6067	.0780	.0868	.1387	.0024	1.9128
49	1	.3476	.2600	.5287	.5720	.0286	.0799	.0540	.0022	1.8730
50	3	.3722	.2600	.3912	.5850	.1162	.0665	.1810	.0102	1.9823
51	8	.5493	.1800	.3045	.5590	.0295	.0490	.1386	.0066	1.8165
52	11	.4995	.3000	.5975	.6175	.1775	.0717	.1100	.0070	2.3807
53	5	.3264	.2800	.4071	.8245	.1621	.1026	.0070	.0020	2.1117
54	5	.4352	.4067	.5428	.8730	.2161	.1368	.0093	.0027	2.6226
55	2	.5753	.3200	.7198	.8740	.2694	.1560	.4379	.0301	3.3825
56	4	.9331	.1400	.4315	.9000	.0679	.1235	(a)	.0041	2.6001
57	11	.7533	.4000	.9010	.8550	.2676	.1081	.1659	.0105	3.4614
58	13	.6297	.4200	.8658	.8693	.1983	.2485	.1628	.0210	3.4154
59	12	.6965	.5000	.6252	.9101	.1544	.1577	.2757	.0394	3.2890
60	14	.6763	.5000	.0877	.8400	.1419	.1579	.2521	.0043	3.2602
61	8	.9416	.3000	.5220	.7740	.0507	.0839	.2376	.0113	2.9211
62	1	.7012	.3100	1.0664	.7920	.0578	.1611	.1089	.0045	3.2019
63	3	.7025	.3400	.7383	.8100	.2193	.1255	.3415	.0193	3.2964
64	5	.5168	.4067	.6446	1.2610	.2566	.1625	.0110	.0032	3.2624
65	5	.8705	.6000	1.0856	1.3095	.4321	.2736	.0186	.0055	4.5954
66	4	1.5601	.2100	.7214	1.3500	.1136	.2065	(a)	.0068	4.1684
67	11	1.2528	.6000	1.4985	1.2825	.4451	.1798	.2759	.0175	5.5521
68	2	1.0227	.5000	1.2797	1.3708	.4789	.2774	.7786	.0534	5.7615
69	13	1.0241	.6200	1.4079	1.3634	.3225	.4041	.2649	.0341	5.4410

a The natural gas used as fuel was donated.

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

L.—ELEMENTS OF COST IN ONE GROSS OF BOTTLES—Continued.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Product number.	Establishment number.	Materials.	Packing-box.	All labor except blowing.	Blowing labor.	Officials and clerks.	Supplies and repairs.	Fuel.	Taxes.	Total.
70	8	$1.4125	$0.5000	$0.7829	$1.1610	$0.0760	$0.1259	$0.3564	$0.0170	$4.4317
71	12	1.0149	.7000	1.0128	1.4274	.2501	.2555	.4467	.0638	5.1712
72	14	1.1159	.7000	1.1347	1.2600	.2341	.2605	.4160	.0071	5.1283
73	1	1.2405	.4600	1.8868	1.8880	.1023	.2850	.1927	.0079	6.0632
74	3	1.2428	.4600	1.3062	1.2150	.3879	.2221	.6042	.0342	5.4724
75	10	.4725	.2000	.9692	.6580	.1825	.0860	.3472	.0051	2.9205
76	10	.8591	.2800	1.7622	.8930	.3319	.1563	.6313	.0092	4.9230
77	10	1.3917	.6700	2.8548	1.4006	.5377	.2532	1.0227	.0149	8.1456
78	5	.2177	.1500	.2714	.6596	.1080	.0684	.0046	.0014	1.4811
79	5	.2992	.2800	.3732	.7275	.1485	.0941	.0064	.0019	1.9308
80	5	.3264	.2800	.4071	.6984	.1621	.1026	.0070	.0020	1.9856
81	5	.4352	.4067	.5428	1.0088	.2161	.1368	.0093	.0027	2.7584
82	5	.8705	.6000	1.0856	1.6975	.4321	.2736	.0186	.0055	4.9834
83	6	.7123	.3000	.7891	.9000	.2016	.2260	.2573	.0140	3.4003
84	6	1.4246	.4000	1.5783	1.3500	.4031	.4521	.5146	.0281	6.1508
85	5	.4896	.4067	.6107	1.2573	.2431	.1539	.0104	.0031	3.1748
86	5	.7073	.2600	.8821	1.0864	.3511	.2223	.0151	.0044	3.5287
87	5	.3264	.1800	.4071	.9700	.1621	.1026	.0070	.0020	2.1572
88	5	.1360	.0390	.1696	.5820	.0675	.0428	.0029	.0009	1.0407
89	5	.0544	.0390	.0679	.4753	.0270	.0171	.0012	.0003	.6822
90	5	.0408	.0270	.0509	.4947	.0202	.0128	.0009	.0003	.6476
91	5	.1496	.0680	.1866	.5141	.0743	.0470	.0032	.0009	1.0437
92	5	.1360	.0300	.1696	.6693	.0675	.0428	.0029	.0009	1.1190
93	5	.1904	.1100	.2374	.6790	.0945	.0599	.0041	.0012	1.3765
94	6	.3238	.2000	.3587	.5900	.0916	.1027	.1170	.0064	1.7902
95	5	.3264	.1833	.4071	.7760	.1621	.1026	.0070	.0020	1.9665
96	6	.4605	.2500	.5101	.6700	.1303	.1461	.1663	.0091	2.3424
97	5	.3808	.2133	.4750	.8536	.1891	.1197	.0081	.0024	2.2420
98	5	.7073	.2600	.8821	1.1543	.3511	.2223	.0151	.0044	3.5966
99	5	.0408	.0270	.0509	.5432	.0202	.0128	.0009	.0003	.6961
100	5	.1224	.0680	.1527	.5820	.0608	.0385	.0026	.0007	1.0277
101	5	.2040	.0900	.2544	.6499	.1013	.0641	.0044	.0013	1.3694
102	5	.2448	.1100	.3053	.6984	.1216	.0770	.0052	.0015	1.5638
103	5	.2720	.1833	.3392	.7954	.1351	.0855	.0058	.0017	1.8180
104	5	.3416	.2133	.4259	.9021	.1696	.1073	.0073	.0021	2.1692
105	5	.4624	.2600	.5767	1.1931	.2296	.1454	.0099	.0029	2.8800
106	5	.5985	.4133	.7463	1.4453	.2971	.1881	.0128	.0037	3.7051
107	5	1.0881	.6100	1.3570	2.0079	.5402	.3420	.0232	.0069	5.9753
108	5	.2040	.0300	.2544	.6499	.1013	.0641	.0044	.0013	1.3694
109	5	.2448	.1100	.3053	.6984	.1216	.0770	.0052	.0015	1.5638
110	5	.2720	.1833	.3392	.7954	.1351	.0855	.0058	.0017	1.8180
111	5	.4624	.2600	.5767	1.1931	.2296	.1454	.0099	.0029	2.8800
112	1	.5993	.5200	.9115	1.2284	.0494	.1377	.0931	.0038	3.5432
113	2	.6392	.3600	.7998	1.3156	.2993	.1734	.4866	.0334	4.1073
114	12	.6265	.4200	.6252	1.3699	.1544	.1577	.2757	.0394	3.6688
115	14	.6763	.4500	.6877	1.3347	.1419	.1579	.2521	.0043	3.7049
116	11	.8167	.2500	.9769	1.3585	.2902	.1172	.1798	.0114	4.0007
117	6	.7183	.3500	.8290	1.4300	.2117	.2374	.2703	.0148	4.0915
118	13	.6615	.4200	.9095	1.3085	.2083	.2610	.1711	.0221	3.9620
119	7	.7109	.2400	1.0102	1.5000	.2595	.2284	.4646	.0207	4.4343
120	8	1.0201	.3800	.5655	1.2298	.0549	.0909	.2574	.0123	3.6109
121	2	1.0930	.5200	1.3677	1.8216	.5118	.2965	.8321	.0571	6.4998
122	7	1.0390	.3000	1.4764	2.0800	.3793	.3338	.6790	.0303	6.3178
123	8	1.4910	.4100	.8264	1.7028	.0802	.1329	.3762	.0179	5.0374
124	11	1.4272	.3250	1.7071	1.8810	.5071	.2048	.3143	.0200	6.3865
125	13	1.1450	.6600	1.5741	1.8117	.3605	.4518	.2961	.0382	6.3374
126	14	1.2173	.7000	1.2379	1.8480	.2554	.2842	.4538	.0078	6.0044
127	1	1.1087	.6100	1.6863	1.7400	.0914	.2548	.1722	.0070	5.6704
128	12	1.1590	.7000	1.1566	1.8968	.2856	.2918	.5100	.0729	6.0727
129	6	1.4246	.4000	1.5783	1.9800	.4031	.4521	.5146	.0281	6.7808
130	8	2.2495	.8000	1.2469	1.8576	.1210	.2005	.5676	.0271	7.0702
131	13	1.8320	1.0000	2.5186	2.7450	.5769	.7229	.4738	.0610	9.9302
132	5	.1768	.0733	.2205	.5820	.0878	.0556	.0038	.0011	1.2009
133	5	.1904	.0667	.2374	.6014	.0945	.0599	.0041	.0012	1.2556
134	5	.2448	.1050	.3053	.6693	.1216	.0770	.0052	.0015	1.5297
135	5	.2992	.2000	.3732	.8342	.1485	.0941	.0064	.0019	1.9575
136	5	.5441	.3300	.6785	1.2024	.2701	.1710	.0116	.0034	3.2111
137	5	.1496	.0600	.1866	.5820	.0743	.0470	.0032	.0009	1.1036
138	5	.1904	.0667	.2374	.6402	.0915	.0599	.0041	.0012	1.2944

TABLE IX.—COST OF PRODUCTION OF FLINT GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

L.—ELEMENTS OF COST IN ONE GROSS OF BOTTLES—Continued.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Product number.	Establishment number.	Materials.	Packing-box.	All labor except blowing.	Blowing labor.	Officials and clerks.	Supplies and repairs.	Fuel.	Taxes.	Total.
139	5	$0.2448	$0.1050	$0.3053	$0.7372	$0.1216	$0.0770	$0.0052	$0.0015	$1.5976
140	5	.3128	.1300	.3901	.8342	.1553	.0983	.0067	.0020	1.9294
141	5	.3808	.2100	.4750	1.0185	.1891	.1197	.0081	.0024	2.4036
142	5	.6529	.2600	.8142	1.1737	.3241	.2052	.0139	.0041	3.4481
143	5	.7617	.3300	.9499	1.3580	.3781	.2394	.0163	.0048	4.0382
144	5	.2448	.1050	.3053	.7081	.1216	.0770	.0052	.0015	1.5685
145	7	.2187	.0800	.3108	.7700	.0798	.0703	.1430	.0064	1.6790
146	7	.2734	.1000	.3885	.9100	.0998	.0878	.1787	.0080	2.0462
147	7	.3281	.1200	.4662	.9500	.1198	.1054	.2144	.0096	2.3135
148	7	.3828	.1500	.5439	1.0300	.1397	.1230	.2502	.0111	2.6307
149	7	.4922	.1800	.6994	1.3000	.1797	.1581	.3217	.0143	3.3454
150	7	.6562	.2500	.9325	1.5900	.2395	.2108	.4289	.0191	4.3270
151	7	1.0390	.3000	1.4764	2.2000	.3793	.3338	.6790	.0303	6.4378
152	5	.4896	.2600	.6107	.9700	.2431	.1539	.0104	.0031	2.7408
153	5	.4896	.2600	.6107	.9700	.2431	.1539	.0104	.0031	2.7408
154	5	.4896	.2600	.6107	.8730	.2431	.1539	.0104	.0031	2.6438
155	11	.0555	.0200	.0664	.4655	.0197	.0080	.0122	.0008	.6481
156	11	.1031	.0500	.1233	.4655	.0366	.0148	.0227	.0014	.8174
157	11	.1744	.0600	.2087	.4845	.0620	.0250	.0384	.0025	1.0555
158	11	.2141	.0800	.2561	.5510	.0761	.0307	.0471	.0030	1.2581
159	5	1.0337	.6100	1.2892	1.7266	.5132	.3249	.0220	.0065	5.5261
160	5	.2720	.1833	.3392	.6790	.1351	.0855	.0058	.0017	1.7016
161	5	.3808	.2133	.4750	.7469	.1891	.1197	.0081	.0024	2.1353
162	5	1.0337	.6100	1.2892	1.7266	.5132	.3249	.0220	.0065	5.5261
163	5	.1904	.0900	.2374	.6208	.0945	.0599	.0041	.0012	1.2983
164	5	.3808	.2133	.4750	.8342	.1891	.1197	.0081	.0024	2.2226
165	5	.4624	.2600	.5767	1.1349	.2296	.1454	.0099	.0029	2.8218
166	5	.6529	.4133	.8142	1.3871	.3241	.2052	.0139	.0041	3.8148
167	5	1.0337	.6100	1.2892	1.9206	.5132	.3249	.0220	.0065	5.7201
168	5	.0137	.0160	.0169	.4753	.0067	.0043	.0003	.0001	.5333
169	5	.0680	.0390	.0848	.4753	.0338	.0214	.0014	.0004	.7241
170	5	.2630	.0833	.3279	.6499	.1305	.0827	.0056	.0017	1.5446
171	5	.4624	.2600	.5767	1.0185	.2296	.1454	.0099	.0029	2.7054
172	5	.6529	.4133	.8142	1.2513	.3241	.2052	.0139	.0041	3.6790
173	3	.0420	.0260	.0442	.4410	.0131	.0075	.0204	.0012	.5954
174	1	.0719	.0300	.1094	.4312	.0059	.0165	.0112	.0005	.6766
175	3	.0720	.0320	.0757	.4410	.0225	.0129	.0350	.0020	.6931
176	6	.0863	.0600	.0957	.4900	.0244	.0274	.0312	.0017	.8167
177	1	.1079	.0500	.1641	.4448	.0089	.0248	.0167	.0007	.8179
178	3	.1081	.0600	.1136	.4590	.0337	.0193	.0526	.0030	.8493
179	6	.1583	.1000	.1754	.5100	.0448	.0502	.0572	.0031	1.0990
180	3	.1501	.0800	.1577	.5220	.0469	.0268	.0730	.0041	1.0606
181	1	.1618	.0750	.2461	.5104	.0134	.0372	.0251	.0010	1.0700
182	5	.2040	.1100	.2544	.6014	.1013	.0641	.0044	.0013	1.3409
183	12	.2130	.1000	.2126	.6610	.0525	.0536	.0937	.0134	1.3998
184	14	.2299	.1000	.2337	.6440	.0482	.0537	.0857	.0015	1.3967
185	1	.2157	.1000	.3281	.5800	.0178	.0496	.0335	.0014	1.3261
186	2	.2301	.0825	.2879	.6360	.1078	.0624	.1752	.0120	1.5939
187	3	.2161	.0900	.2272	.5580	.0675	.0386	.1051	.0059	1.3084
188	6	.2590	.1500	.2870	.6200	.0733	.0822	.0936	.0051	1.5702
189	7	.2187	.0800	.3108	.6900	.0798	.0703	.1430	.0064	1.5990
190	11	.2855	.0900	.3414	.5890	.1014	.0410	.0628	.0040	1.5151
191	13	.2290	.1000	.3148	.6314	.0721	.0904	.0592	.0076	1.5045
192	8	.3226	.0800	.1788	.5332	.0174	.0287	.0814	.0039	1.2460
193	1	.2517	.1500	.3828	.6160	.0208	.0578	.0391	.0016	1.5198
194	2	.2748	.1250	.3439	.7176	.1287	.0746	.2092	.0144	1.8882
195	8	.3749	.1000	.2078	.6020	.0202	.0531	.0946	.0015	1.4374
196	3	.2702	.1650	.2840	.6360	.0843	.0483	.1314	.0074	1.6206
197	5	.2720	.1833	.3392	.6790	.1351	.0855	.0058	.0017	1.7016
198	6	.3238	.2500	.3587	.7000	.0916	.1027	.1170	.0064	1.9502
199	7	.2734	.1000	.3885	.8200	.0998	.0878	.1787	.0080	1.9562
200	11	.3568	.1000	.4268	.6650	.1267	.0512	.0786	.0050	1.8101
201	12	.2819	.2000	.2813	.7472	.0695	.0710	.1241	.0177	1.7927
202	13	.2862	.1800	.3935	.7137	.0901	.1130	.0740	.0096	1.8601
203	14	.3043	.2000	.3095	.7280	.0639	.0711	.1134	.0019	1.7921
204	1	.3236	.1800	.4922	.6776	.0267	.0744	.0503	.0020	1.8268
205	2	.3452	.1700	.4319	.7932	.1616	.0936	.2628	.0180	2.2763
206	3	.3242	.1800	.3407	.6930	.1012	.0580	.1576	.0089	1.8636
207	7	.3281	.1200	.4662	.8600	.1198	.1054	.2144	.0096	2.2235
208	12	.3446	.2200	.3439	.8230	.0849	.0867	.1516	.0217	2.0773
209	11	.4599	.1250	.5501	.7315	.1634	.0660	.1013	.0064	2.2036
210	8	.5144	.1500	.2852	.6622	.0277	.0458	.1298	.0062	1.8213

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

L.—ELEMENTS OF COST IN ONE GROSS OF BOTTLES—Concluded.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Product number.	Establishment number.	Materials.	Packing-box.	All labor except blowing.	Blowing labor.	Officials and clerks.	Supplies and repairs.	Fuel.	Taxes.	Total.
211	13	$0.3753	$0.2200	$0.5160	$0.7869	$0.1182	$0.1481	$0.0970	$0.0125	$2.2740
212	14	.4058	.2200	.4126	.8027	.0851	.0947	.1513	.0026	2.1748
213	5	.3808	.2123	.4750	.7469	.1891	.1197	.0081	.0024	2.1353
214	6	.4563	.2500	.5022	.7700	.1283	.1438	.1637	.0090	2.4203
215	7	.3828	.1500	.5439	.9300	.1397	.1230	.2502	.0111	2.5307
216	3	.3963	.2200	.4165	.8100	.1237	.0708	.1926	.0109	2.2408
217	11	.5313	.1500	.6354	.8170	.1887	.0763	.1170	.0074	2.5231
218	8	.5929	.2500	.3286	.7740	.0319	.0528	.1496	.0072	2.1870
219	13	.4325	.3600	.5947	.9150	.1362	.1707	.1119	.0144	2.7354
220	1	.4555	.2400	.6927	.9240	.0375	.1046	.0708	.0029	2.5280
221	5	.4624	.2600	.5767	1.0185	.2296	.1454	.0099	.0029	2.7054
222	2	.4922	.2300	.6158	1.0764	.2305	.1335	.3747	.0257	3.1788
223	12	.4824	.3600	.4814	1.1209	.1189	.1214	.2123	.0303	2.9276
224	14	.5208	.3600	.5295	1.0920	.1093	.1216	.1941	.0033	2.9306
225	3	.4863	.2800	.5111	.9450	.1518	.0869	.2364	.0134	2.7109
226	7	.4922	.1800	.6994	1.1700	.1797	.1581	.3217	.0143	3.2154
227	8	.7062	.2500	.3915	.9030	.0380	.0629	.1782	.0085	2.5383
228	11	.6422	.1800	.7682	.8550	.2282	.0922	.1414	.0090	2.9162
229	13	.5153	.3600	.7083	1.0606	.1622	.2033	.1333	.0172	3.1602
230	6	.6476	.3000	.7174	1.0500	.1832	.2055	.2239	.0128	3.3504
231	1	.5873	.3600	.8933	1.1355	.0484	.1350	.0912	.0037	3.2544
232	2	.6264	.3400	.7838	1.3156	.2933	.1699	.4769	.0327	4.0386
233	12	.6265	.4200	.6252	1.3699	.1544	.1577	.2757	.0394	3.6688
234	14	.6763	.4200	.6877	1.3347	.1419	.1579	.2521	.0043	3.6749
235	3	.6184	.3600	.6499	1.1610	.1930	.1105	.3007	.0170	3.4105
236	11	.8167	.2500	.9769	1.2255	.2902	.1172	.1798	.0114	3.8677
237	13	.6615	.4200	.9095	1.3085	.2083	.2610	.1711	.0221	3.9620
238	5	.6529	.4133	.8142	1.2513	.3241	.2052	.0139	.0041	3.6790
239	6	.7771	.3500	.8609	1.2900	.2199	.2466	.2807	.0153	4.0405
240	7	.6562	.2500	.9325	1.4300	.2395	.2108	.4289	.0191	4.1670
241	8	.9416	.3000	.5220	1.1094	.0507	.0839	.2376	.0113	3.2565
242	2	1.0930	.5200	1.3677	1.8216	.5118	.2965	.8321	.0571	6.4998
243	7	1.0390	.2400	1.4764	1.9800	.3793	.3338	.6790	.0303	6.1578
244	1	1.0787	.6100	1.6407	1.5664	.0889	.2479	.1676	.0068	5.4070
245	3	1.0807	.6000	1.1358	1.6020	.3373	.1932	.5254	.0297	5.5041
246	6	1.2951	.4000	1.4348	1.7800	.3665	.4109	.4678	.0256	6.1807
247	8	1.5694	.4100	.8700	1.5308	.0844	.1399	.3960	.0189	5.0194
248	11	1.4272	.3250	1.7071	1.6150	.5071	.2048	.3143	.0200	6.1205
249	13	1.1450	.6600	1.5741	1.8117	.3605	.4518	.2961	.0382	6.3374
250	14	1.2173	.7000	1.2379	1.8480	.2554	.2842	.4538	.0078	6.0044
251	12	1.1590	.7000	1.1566	1.8968	.2856	.2918	.5100	.0729	6.0727
252	5	.0408	.0270	.0509	.4947	.0202	.0128	.0009	.0003	.6476
253	5	.1496	.0680	.1866	.5141	.0743	.0470	.0032	.0009	1.0437
254	5	.2720	.1833	.3392	.6984	.1351	.0855	.0058	.0017	1.7210
255	5	.0408	.0270	.0509	.4753	.0202	.0128	.0009	.0003	.6282
256	5	.1224	.0680	.1527	.4947	.0608	.0385	.0026	.0007	.9404
257	5	.1768	.0900	.2205	.5626	.0878	.0556	.0038	.0011	1.1982
258	5	.2040	.1100	.2544	.6014	.1013	.0641	.0044	.0013	1.3409
259	5	.6529	.4133	.8142	1.2513	.3241	.2052	.0139	.0041	3.6790
260	5	.0408	.0270	.0509	.5238	.0202	.0128	.0009	.0003	.0767
261	5	.1224	.0680	.1527	.5529	.0608	.0385	.0026	.0007	.9986
262	5	.2040	.1100	.2544	.6693	.1013	.0641	.0044	.0013	1.4088
263	5	.2720	.1833	.3392	.7566	.1351	.0855	.0058	.0017	1.7792
264	5	.3808	.2133	.4750	.8342	.1891	.1197	.0081	.0024	2.2226
265	5	.2176	.1100	.2714	.6014	.1080	.0684	.0047	.0014	1.3829
266	5	.3536	.2133	.4410	.7469	.1756	.1112	.0075	.0022	2.0513
267	5	.4897	.2600	.6106	1.0185	.2431	.1539	.0104	.0031	2.7893
268	5	1.0881	.6100	1.3570	1.7266	.5402	.3420	.0232	.0068	5.6939
269	5	.0680	.0390	.0848	.4947	.0338	.0214	.0014	.0004	.7435
270	5	.1904	.0900	.2374	.5820	.0945	.0599	.0041	.0012	1.2595
271	5	.2630	.1100	.3279	.6208	.1305	.0827	.0056	.0017	1.5422
272	5	.3536	.2133	.4410	.7663	.1756	.1112	.0075	.0022	2.0707
273	5	.4897	.2600	.6106	1.0379	.2431	.1539	.0104	.0031	2.8087
274	5	.6801	.4133	.8481	1.2707	.3376	.2138	.0145	.0043	3.7824
275	5	1.0337	.6100	1.2892	1.7460	.5132	.3249	.0220	.0065	5.5455
276	5	.0545	.0680	.0678	.5529	.0270	.0171	.0012	.0003	.7888
277	5	.1224	.0390	.1527	.5820	.0608	.0385	.0026	.0007	.9987
278	5	.1360	.0680	.1696	.6014	.0675	.0428	.0029	.0009	1.0891
279	6	.9066	.3000	1.0043	1.1800	.2565	.2877	.3275	.0179	4.2805

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

M.—SUMMARY OF COST OF ONE GROSS OF BOTTLES.

[This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
1	8	$1.2555	31.84	$1.9258	48.85	$0.7613	19.31	$3.9426	100
2	8	2.5024	34.84	3.1415	43.73	1.5391	21.43	7.1830	100
3	11	.8563	20.07	2.3828	55.84	1.0277	24.09	4.2668	100
4	14	.9468	21.11	2.2601	50.38	1.2787	28.51	4.4856	100
5	1	.8630	21.50	2.5410	63.32	.6090	15.18	4.0130	100
6	6	1.0361	20.60	2.5778	51.24	1.4166	28.16	5.0305	100
7	7	.8749	17.27	2.7433	54.15	1.4478	28.58	5.0660	100
8	14	1.4202	22.64	2.9842	47.58	1.8680	29.78	6.2724	100
9	6	1.5541	21.35	3.7017	50.84	2.0250	27.81	7.2808	100
10	11	1.7127	22.84	3.9295	52.41	1.8554	24.75	7.4976	100
11	1	1.5102	23.19	4.0370	61.98	.9657	14.83	6.5129	100
12	6	1.1656	21.00	2.7413	49.39	1.6437	29.61	5.5506	100
13	4	1.7773	36.86	2.4719	51.27	.5724	11.87	4.8216	100
14	5	.9250	18.30	2.7539	54.49	1.3754	27.21	5.0543	100
15	2	1.1506	17.88	2.9576	45.96	2.3269	36.16	6.4351	100
16	4	1.7773	36.26	2.4719	50.43	.6524	13.31	4.9016	100
17	8	1.5694	32.04	2.2889	46.74	1.0392	21.22	4.8975	100
18	13	1.1450	19.45	3.0839	52.40	1.6566	28.15	5.8855	100
19	1	1.1327	20.96	3.1747	58.74	1.0968	20.30	5.4042	100
20	3	1.1348	20.59	2.6776	48.57	1.6999	30.84	5.5123	100
21	6	1.3599	21.41	3.1565	49.70	1.8343	28.89	6.3507	100
22	11	1.4986	23.95	3.2599	52.10	1.4985	23.95	6.2570	100
23	12	1.2405	21.20	2.8186	48.17	1.7918	30.63	5.8509	100
24	14	1.3391	22.73	2.9015	49.24	1.6513	28.03	5.8919	100
25	4	1.9550	34.61	2.8841	51.06	.8097	14.33	5.6488	100
26	5	1.2513	19.43	3.4812	54.04	1.7091	26.53	6.4416	100
27	6	1.5541	21.35	3.7017	50.84	2.0250	27.81	7.2808	100
28	10	1.7010	17.82	5.0402	52.80	2.8048	29.38	9.5460	100
29	10	1.7182	17.25	5.3856	54.07	2.8574	28.68	9.9612	100
30	5	.2448	15.51	1.0231	64.83	.3103	19.66	1.5782	100
31	5	.3808	17.13	1.3092	58.91	.5326	23.96	2.2226	100
32	6	.4605	18.19	1.3701	54.10	.7018	27.71	2.5324	100
33	5	.3123	17.68	1.0109	57.14	.4456	25.18	1.7693	100
34	5	.3128	17.12	1.0691	58.50	.4456	24.38	1.8275	100
35	5	.7073	19.34	2.2207	60.73	.7289	19.93	3.6569	100
36	5	.1224	11.32	.7929	73.34	.1659	15.34	1.0812	100
37	5	.0272	4.19	.5092	78.43	.1128	17.38	.6492	100
38	5	.1360	13.86	.6643	67.71	.1808	18.43	.9811	100
39	5	.8161	17.37	2.6182	55.72	1.2642	26.91	4.6985	100
40	9	.0592	4.07	1.2193	83.85	.1756	12.08	1.4541	100
41	5	.2177	15.62	.8437	60.53	.3324	23.85	1.3938	100
42	4	.3752	28.48	.7635	57.96	.1786	13.56	1.3173	100
43	5	.2992	16.32	1.0037	54.73	.5309	28.95	1.8338	100
44	2	.3452	15.43	1.0959	48.99	.7960	35.58	2.2371	100
45	4	.5332	32.48	.8966	54.62	.2117	12.90	1.6415	100
46	13	.3435	16.84	1.1127	54.54	.5840	28.62	2.0402	100
47	12	.3446	17.64	1.0145	51.92	.5949	30.44	1.9540	100
48	14	.3720	19.45	.9849	51.49	.5559	29.06	1.9128	100
49	1	.3476	18.56	1.1007	58.77	.4247	22.67	1.8730	100
50	3	.3722	18.78	.9762	49.24	.6339	31.98	1.9823	100
51	8	.5493	30.24	.8635	47.54	.4037	22.22	1.8165	100
52	11	.4995	20.98	1.2150	51.04	.6662	27.98	2.3807	100
53	5	.3264	15.46	1.2316	58.32	.5537	26.22	2.1117	100
54	5	.4352	16.59	1.4158	53.99	.7716	29.42	2.6226	100
55	2	.5753	17.01	1.5938	47.12	1.2134	35.87	3.3825	100
56	4	.9331	35.89	1.3315	51.21	.3355	12.90	2.6001	100
57	11	.7533	21.76	1.7560	50.73	.9521	27.51	3.4614	100
58	13	.6297	18.44	1.7351	50.80	1.0506	30.76	3.4154	100
59	12	.6265	19.05	1.5353	46.68	1.1272	34.27	3.2890	100
60	14	.6763	20.74	1.5277	46.86	1.0562	32.40	3.2602	100
61	8	.9416	32.23	1.2960	44.37	.6835	23.40	2.9211	100
62	1	.7012	21.90	1.8584	58.04	.6423	20.06	3.2019	100
63	3	.7025	21.31	1.5483	46.97	1.0456	31.72	3.2964	100
64	5	.5168	15.84	1.9056	58.41	.8400	25.75	3.2624	100
65	5	.8705	18.94	2.3951	52.12	1.3298	28.94	4.5954	100
66	4	1.5601	37.43	2.0714	49.69	.5369	12.88	4.1684	100
67	11	1.2528	22.56	2.7810	50.09	1.5183	27.35	5.5521	100
68	2	1.0227	17.75	2.6505	46.00	2.0883	36.25	5.7615	100
69	13	1.0241	18.82	2.7713	50.93	1.6456	30.25	5.4410	100
70	8	1.4125	31.87	1.9439	43.86	1.0753	24.27	4.4317	100
71	12	1.0149	19.63	2.4402	47.19	1.7161	33.18	5.1712	100

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

M.—SUMMARY OF COST OF ONE GROSS OF BOTTLES—Continued.

[This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
72	14	$1.1159	21.76	$2.3947	46.70	$1.6177	31.54	$5.1283	100
73	1	1.2405	20.46	3.7748	62.26	1.0479	17.28	6.0632	100
74	3	1.2428	22.71	2.5212	46.07	1.7084	31.22	5.4724	100
75	10	.4725	16.18	1.6272	55.72	.8208	28.10	2.9205	100
76	10	.8591	17.45	2.6552	53.93	1.4087	28.62	4.9230	100
77	10	1.3917	17.09	4.2554	52.24	2.4985	30.67	8.1456	100
78	5	.2177	14.70	.9310	62.86	.3324	22.44	1.4811	100
79	5	.2992	15.49	1.1007	57.01	.5309	27.50	1.9308	100
80	5	.3264	16.44	1.1055	55.68	.5537	27.88	1.9856	100
81	5	.4352	15.78	1.5516	56.25	.7716	27.97	2.7584	100
82	5	.8705	17.47	2.7831	55.85	1.3298	26.68	4.9834	100
83	6	.7123	20.95	1.6891	49.67	.9989	29.38	3.4003	100
84	6	1.4246	23.16	2.9283	47.61	1.7979	29.23	6.1508	100
85	5	.4896	15.42	1.8680	58.84	.8172	25.74	3.1748	100
86	5	.7073	20.04	1.9685	55.79	.8529	24.17	3.5287	100
87	5	.3264	15.13	1.3771	63.84	.4537	21.03	2.1572	100
88	5	.1360	13.07	.7516	72.22	.1531	14.71	1.0407	100
89	5	.0544	7.97	.5432	79.63	.0846	12.40	.6822	100
90	5	.0408	6.30	.5456	84.25	.0612	9.45	.6476	100
91	5	.1496	14.33	.7007	67.14	.1934	18.53	1.0437	100
92	5	.1360	12.15	.8389	74.97	.1441	12.88	1.1190	100
93	5	.1904	13.83	.9164	66.58	.2697	19.59	1.3765	100
94	6	.3238	18.09	.9487	52.99	.5177	28.92	1.7902	100
95	5	.3264	16.60	1.1831	60.16	.4570	23.24	1.9665	100
96	6	.4605	19.66	1.1801	50.38	.7018	29.96	2.3424	100
97	5	.3808	16.98	1.3286	59.26	.5326	23.76	2.2420	100
98	5	.7073	19.67	2.0364	56.62	.8529	23.71	3.5966	100
99	5	.0408	5.86	.5941	85.35	.0612	8.79	.6961	100
100	5	.1224	11.91	.7347	71.49	.1706	16.60	1.0277	100
101	5	.2040	14.90	.9043	66.03	.2611	19.07	1.3694	100
102	5	.2448	15.66	1.0037	64.18	.3153	20.16	1.5638	100
103	5	.2720	14.96	1.1346	62.41	.4114	22.63	1.8180	100
104	5	.3416	15.75	1.3280	61.22	.4996	23.03	2.1692	100
105	5	.4624	16.06	1.7698	61.45	.6478	22.49	2.8800	100
106	5	.5985	16.15	2.1916	59.15	.9150	24.70	3.7051	100
107	5	1.0881	18.21	3.3649	56.31	1.5223	25.48	5.9753	100
108	5	.2040	14.90	.9043	66.03	.2611	19.07	1.3694	100
109	5	.2448	15.66	1.0037	64.18	.3153	20.16	1.5638	100
110	5	.2720	14.96	1.1346	62.41	.4114	22.63	1.8180	100
111	5	.4624	16.06	1.7698	61.45	.6478	22.49	2.8800	100
112	1	.5993	16.91	2.1399	60.40	.8040	22.69	3.5432	100
113	2	.6392	15.56	2.1154	51.50	1.3527	32.94	4.1073	100
114	12	.6265	17.08	1.9951	54.38	1.0472	28.54	3.6688	100
115	14	.6763	18.25	2.0224	54.59	1.0062	27.16	3.7049	100
116	11	.8167	20.41	2.3354	58.38	.8486	21.21	4.0007	100
117	6	.7483	18.29	2.2590	55.21	1.0842	26.50	4.0915	100
118	13	.6615	16.70	2.2180	55.98	1.0825	27.32	3.9620	100
119	7	.7109	16.03	2.5102	56.61	1.2132	27.36	4.4342	100
120	8	1.0201	28.25	1.7953	49.72	.7955	22.03	3.6109	100
121	2	1.0930	16.81	3.1893	49.07	2.2175	34.12	6.4998	100
122	7	1.0390	16.45	3.5564	56.29	1.7224	27.26	6.3178	100
123	8	1.4910	29.60	2.5292	50.21	1.0172	20.19	5.0374	100
124	11	1.4272	22.35	3.5881	56.18	1.3712	21.47	6.3865	100
125	13	1.1450	18.07	3.3858	53.42	1.8066	28.51	6.3374	100
126	14	1.2173	20.27	3.0859	51.40	1.7012	28.33	6.0044	100
127	1	1.1087	19.55	3.4263	60.43	1.1354	20.02	5.6704	100
128	12	1.1590	19.09	3.0534	50.28	1.8603	30.63	6.0727	100
129	6	1.4246	21.01	3.5583	52.48	1.7979	26.51	6.7808	100
130	8	2.2495	31.82	3.1045	43.91	1.7162	24.27	7.0702	100
131	13	1.8320	18.45	5.2636	53.01	2.8346	28.54	9.9302	100
132	5	.1768	14.72	.8025	66.83	.2216	18.45	1.2009	100
133	5	.1904	15.16	.8388	66.81	.2264	18.03	1.2556	100
134	5	.2448	16.00	.9746	63.71	.3103	20.29	1.5297	100
135	5	.2992	15.29	1.2074	61.68	.4509	23.03	1.9575	100
136	5	.5441	16.94	1.8809	58.58	.7861	24.48	3.2111	100
137	5	.1496	13.56	.7686	69.64	.1854	16.80	1.1036	100
138	5	.1904	14.71	.8776	67.80	.2264	17.49	1.2944	100
139	5	.2448	15.32	1.0425	65.26	.3103	19.42	1.5976	100
140	5	.3128	16.21	1.2243	63.46	.3923	20.33	1.9294	100
141	5	.3808	15.84	1.4935	62.14	.5293	22.02	2.4036	100
142	5	.6529	18.94	1.9879	57.65	.8073	23.41	3.4481	100

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

M.—SUMMARY OF COST OF ONE GROSS OF BOTTLES—Continued.

[This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
143	5	$0.7617	18.86	$2.3079	57.15	$0.9686	23.99	$4.0382	100
144	5	.2448	15.61	1.0134	64.61	.3103	19.78	1.5685	100
145	7	.2187	13.03	1.0808	64.37	.3795	22.60	1.6790	100
146	7	.2734	13.36	1.2985	63.46	.4743	23.18	2.0462	100
147	7	.3281	14.18	1.4162	61.22	.5692	24.60	2.3135	100
148	7	.3828	14.55	1.5739	59.83	.6740	25.62	2.6307	100
149	7	.4922	14.71	1.9994	59.77	.8538	25.52	3.3454	100
150	7	.6562	15.16	2.5225	58.30	1.1483	26.54	4.3270	100
151	7	1.0390	16.14	3.6764	57.11	1.7224	26.75	6.4378	100
152	5	.4896	17.86	1.5807	57.67	.6705	24.47	2.7408	100
153	5	.4896	17.86	1.5807	57.67	.6705	24.47	2.7408	100
154	5	.4896	18.52	1.4837	56.12	.6705	25.36	2.6438	100
155	11	.0555	8.56	.5319	82.07	.0607	9.37	.6481	100
156	11	.1031	12.61	.5888	72.03	.1255	15.36	.8174	100
157	11	.1744	16.52	.6932	65.68	.1879	17.80	1.0555	100
158	11	.2141	17.02	.8071	64.15	.2369	18.83	1.2581	100
159	5	1.0337	18.71	3.0158	54.57	1.4766	26.72	5.5261	100
160	5	.2720	15.98	1.0182	59.84	.4114	24.18	1.7016	100
161	5	.3808	17.83	1.2219	57.23	.5326	24.94	2.1353	100
162	5	1.0337	18.71	3.0158	54.57	1.4766	26.72	5.5261	100
163	5	.1904	14.67	.8582	66.10	.2497	19.23	1.2983	100
164	5	.3808	17.13	1.3092	58.91	.5326	23.96	2.2226	100
165	5	.4624	16.39	1.7116	60.65	.6478	22.96	2.8218	100
166	5	.6529	17.12	2.2013	57.70	.9606	25.18	3.8148	100
167	5	1.0337	18.07	3.2098	56.12	1.4766	25.81	5.7201	100
168	5	.0137	2.57	.4922	92.29	.0274	5.14	.5333	100
169	5	.0680	9.39	.5601	77.35	.0960	13.26	.7241	100
170	5	.2630	17.03	.9778	63.30	.3038	19.67	1.5446	100
171	5	.4624	17.09	1.5952	58.96	.6478	23.95	2.7054	100
172	5	.6529	17.75	2.0655	56.14	.9606	26.11	3.6790	100
173	3	.0420	7.05	.4852	81.49	.0682	11.46	.5954	100
174	1	.0719	10.63	.5406	79.90	.0641	9.47	.6766	100
175	3	.0720	10.39	.5167	74.55	.1044	15.06	.6931	100
176	6	.0863	10.57	.5857	71.71	.1447	17.72	.8167	100
177	1	.1079	13.19	.6089	74.45	.1011	12.36	.8179	100
178	3	.1081	12.73	.5726	67.42	.1686	19.85	.8493	100
179	6	.1533	14.40	.6854	62.37	.2553	23.23	1.0990	100
180	3	.1501	14.15	.6797	64.09	.2308	21.76	1.0606	100
181	1	.1618	15.12	.7565	70.70	.1517	14.18	1.0700	100
182	5	.2040	15.22	.8558	63.82	.2811	20.96	1.3409	100
183	12	.2130	15.22	.8736	62.41	.3132	22.37	1.3998	100
184	14	.2299	16.46	.8777	62.84	.2891	20.70	1.3967	100
185	1	.2157	16.27	.9061	68.48	.2023	15.25	1.3261	100
186	2	.2361	14.44	.9239	57.96	.4399	27.60	1.5939	100
187	3	.2161	16.52	.7852	60.01	.3071	23.47	1.3084	100
188	6	.2590	16.59	.9070	57.76	.4042	25.74	1.5702	100
189	7	.2187	13.68	1.0008	62.59	.3795	23.73	1.5990	100
190	11	.2855	18.84	.9304	61.41	.2992	19.75	1.5151	100
191	13	.2290	15.22	.9462	62.89	.3293	21.89	1.5045	100
192	8	.3226	25.89	.7120	57.14	.2114	16.97	1.2460	100
193	1	.2517	16.56	.9988	65.72	.2693	17.72	1.5198	100
194	2	.2748	14.55	1.0615	56.22	.5519	29.23	1.8882	100
195	8	.3749	26.08	.8098	56.34	.2527	17.58	1.4374	100
196	3	.2702	16.67	.9140	56.40	.4364	26.93	1.6206	100
197	5	.2720	15.98	1.0182	59.84	.4114	24.18	1.7016	100
198	6	.3238	16.60	1.0587	54.29	.5677	29.11	1.9502	100
199	7	.2734	13.98	1.2085	61.78	.4743	24.24	1.9562	100
200	11	.3568	19.71	1.0918	60.32	.3615	19.97	1.8101	100
201	12	.2819	15.73	1.0285	57.37	.4823	26.90	1.7927	100
202	13	.2862	15.39	1.1072	59.52	.4667	25.09	1.8601	100
203	14	.3043	16.98	1.0375	57.89	.4503	25.13	1.7921	100
204	1	.3236	17.71	1.1698	64.04	.3334	18.25	1.8268	100
205	2	.3452	15.16	1.2251	53.82	.7060	31.02	2.2763	100
206	3	.3242	17.40	1.0337	55.47	.5057	27.13	1.8636	100
207	7	.3281	14.76	1.3262	59.64	.5692	25.60	2.2235	100
208	12	.3446	16.59	1.1678	56.22	.5649	27.19	2.0773	100
209	11	.4599	20.87	1.2816	58.16	.4621	20.97	2.2036	100
210	8	.5144	28.24	.9474	52.02	.3595	19.74	1.8213	100
211	13	.3753	16.50	1.3029	57.30	.5958	26.20	2.2740	100
212	14	.4058	18.66	1.2153	55.88	.5537	25.46	2.1748	100
213	6	.3808	17.83	1.2219	57.23	.5326	24.94	2.1353	100

TABLE IX.—COST OF PRODUCTION OF FLINT GLASS BOTTLES AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

M.—SUMMARY OF COST OF ONE GROSS OF BOTTLES—Concluded.

[This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
214	6	$0.4533	18.73	$1.2722	52.56	$0.6948	28.71	$2.4203	100
215	7	.3828	15.13	1.4739	58.24	.6740	26.63	2.5307	100
216	3	.3963	17.69	1.2265	54.73	.6180	27.58	2.2408	100
217	11	.5313	21.06	1.4524	57.56	.5394	21.38	2.5231	100
218	8	.5929	27.11	1.1026	50.42	.4915	22.47	2.1870	100
219	13	.4325	15.81	1.5097	55.19	.7932	29.00	2.7354	100
220	1	.4555	18.02	1.6167	63.95	.4558	18.03	2.5280	100
221	5	.4624	17.09	1.5952	58.96	.6478	23.95	2.7054	100
222	2	.4922	15.48	1.6922	53.24	.9944	31.28	3.1788	100
223	12	.4824	16.48	1.6023	54.73	.8429	28.79	2.9276	100
224	14	.5208	17.77	1.6215	55.33	.7883	26.90	2.9306	100
225	3	.4863	17.94	1.4561	53.71	.7685	28.35	2.7109	100
226	7	.4922	15.31	1.8694	58.14	.8538	26.55	3.2154	100
227	8	.7062	27.82	1.2945	51.00	.5376	21.18	2.5383	100
228	11	.6422	22.02	1.6232	55.66	.6508	22.32	2.9162	100
229	13	.5153	16.31	1.7689	55.97	.8760	27.72	3.1602	100
230	6	.6476	19.33	1.7674	52.75	.9354	27.92	3.3504	100
231	1	.5873	18.05	2.0288	62.34	.6383	19.61	3.2544	100
232	2	.6264	15.51	2.0994	51.98	1.3128	32.51	4.0386	100
233	12	.6265	17.08	1.9951	54.38	1.0472	28.54	3.6688	100
234	14	.6763	18.40	2.0224	55.03	.9762	26.57	3.6749	100
235	3	.6184	18.13	1.8109	53.10	.9812	28.77	3.4105	100
236	11	.8167	21.12	2.2024	56.94	.8486	21.94	3.8677	100
237	13	.6615	16.70	2.2180	55.98	1.0825	27.32	3.9620	100
238	5	.6529	17.75	2.0655	56.14	.9606	26.11	3.6790	100
239	6	.7771	19.23	2.1509	53.23	1.1125	27.54	4.0405	100
240	7	.6562	15.75	2.3625	56.69	1.1483	27.56	4.1670	100
241	8	.9416	28.91	1.6314	50.10	.6835	20.99	3.2565	100
242	2	1.0930	16.81	3.1893	49.07	2.2175	34.12	6.4998	100
243	7	1.0390	16.87	3.4564	56.13	1.6624	27.00	6.1578	100
244	1	1.0787	19.95	3.2071	59.31	1.1212	20.74	5.4070	100
245	3	1.0897	19.64	2.7378	49.74	1.6856	30.62	5.5041	100
246	6	1.2951	20.96	3.2148	52.01	1.6708	27.03	6.1807	100
247	8	1.5694	31.27	2.4008	47.83	1.0492	20.90	5.0194	100
248	11	1.4272	23.32	3.3221	54.28	1.3712	22.40	6.1205	100
249	13	1.1450	18.07	3.3858	53.42	1.8066	28.51	6.3374	100
250	14	1.2173	20.27	3.0859	51.40	1.7012	28.33	6.0044	100
251	12	1.1590	19.09	3.0534	50.28	1.8603	30.63	6.0727	100
252	5	.0408	6.30	.5456	84.25	.0612	9.45	.6476	100
253	5	.1496	14.33	.7007	67.14	.1934	18.53	1.0437	100
254	5	.2720	15.81	1.0376	60.29	.4114	23.90	1.7210	100
255	5	.0408	6.50	.5262	83.76	.0612	9.74	.6282	100
256	5	.1224	13.02	.6474	68.84	.1706	18.14	.9404	100
257	5	.1768	14.75	.7831	65.36	.2383	19.89	1.1982	100
258	5	.2040	15.22	.8558	63.82	.2811	20.96	1.3409	100
259	5	.6529	17.75	2.0655	56.14	.9606	26.11	3.6790	100
260	5	.0408	6.03	.5747	84.93	.0612	9.04	.6767	100
261	5	.1224	12.26	.7056	70.66	.1706	17.08	.9986	100
262	5	.2040	14.48	.9237	65.57	.2811	19.95	1.4088	100
263	5	.2720	15.29	1.0958	61.59	.4114	23.12	1.7792	100
264	5	.3808	17.13	1.3092	58.91	.5326	23.96	2.2226	100
265	5	.2176	15.74	.8728	63.11	.2925	21.15	1.3829	100
266	5	.3536	17.24	1.1879	57.91	.5098	24.85	2.0513	100
267	5	.4897	17.56	1.6291	58.40	.6705	24.04	2.7893	100
268	5	1.0881	19.11	3.0836	54.16	1.5222	26.73	5.6939	100
269	5	.0680	9.15	.5795	77.94	.0960	12.91	.7435	100
270	5	.1904	15.12	.8194	65.06	.2497	19.82	1.2595	100
271	5	.2630	17.05	.9487	61.52	.3305	21.43	1.5422	100
272	5	.3536	17.08	1.2073	58.30	.5098	24.62	2.0707	100
273	5	.4897	17.44	1.6485	58.69	.6705	23.87	2.8087	100
274	5	.6801	17.98	2.1188	56.02	.9835	26.00	3.7824	100
275	5	1.0337	18.64	3.0352	54.73	1.4766	26.63	5.5455	100
276	5	.0545	6.91	.6207	78.69	.1136	14.40	.7888	100
277	5	.1224	12.26	.7347	73.56	.1416	14.18	.9987	100
278	5	.1360	12.49	.7710	70.79	.1821	16.72	1.0891	100
279	6	.9066	21.18	2.1843	51.03	1.1896	27.79	4.2805	100

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

N.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE GROSS OF BOTTLES.

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	8	$0.0406	$0.0955		$0.1361
2	8	.0809	.1903		.2712
3	11	.0508			.0508
4	14	.0216			.0216
5	1	.0134			.0134
6	6	.0383			.0383
7	7	.1597			.1597
8	14	.0323			.0323
9	6	.0575			.0575
10	11	.1015			.1015
11	1	.0234			.0234
12	6	.0431			.0431
13	4	.0236	.0313		.0549
14	5	.0295	.3008		.3303
15	2	.0619	.1060		.1679
16	4	.0236	.0313		.0549
17	8	.0508	.1193		.1701
18	13	.0443	.0039		.0482
19	1	.0176			.0176
20	3	.0436	.1227		.1663
21	6	.0503			.0503
22	11	.0888			.0888
23	12	.0182		$0.0364	.0546
24	14	.0305			.0305
25	4	.0259	.0345		.0604
26	5	.0399	.4070		.4469
27	6	.0575			.0575
28	10	.0198			.0198
29	10	.0200			.0200
30	5	.0078	.0796		.0874
31	5	.0122	.1238		.1360
32	6	.0170			.0170
33	5	.0100	.1017		.1117
34	5	.0100	.1017		.1117
35	5	.0226	.2300		.2526
36	5	.0039	.0398		.0437
37	5	.0009	.0088		.0097
38	5	.0044	.0442		.0486
39	5	.0261	.2654		.2915
40	9	.0031	(a)		a .0031
41	5	.0069	.0708		.0777
42	4	.0050	.0066		.0116
43	5	.0096	.0973		1069
44	2	.0186	.0318		.0504
45	4	.0071	.0094		.0165
46	13	.0133	.0012		.0145
47	12	.0051		.0101	.0152
48	14	.0085			.0085
49	1	.0054			.0054
50	3	.0143	.0403		.0546
51	8	.0177	.0418		.0595
52	11	.0296			.0296
53	5	.0104	.1062		.1166
54	5	.0139	.1415		.1554
55	2	.0310	.0530		.0840
56	4	.0124	.0164		.0288
57	11	.0447			.0447
58	13	.0243	.0022		.0265
59	12	.0092		.0184	.0276
60	14	.0154			.0154
61	8	.0305	.0716		.1021
62	1	.0109			.0109
63	3	.0270	.0760		.1030
64	5	.0165	.1681		.1846
65	5	.0278	.2831		.3109
66	4	.0207	.0275		.0482
67	11	.0743			.0743
68	2	.0551	.0942		.1493
69	13	.0396	.0035		.0431
70	8	.0457	.1074		.1531
71	12	.0149		.0298	.0447
72	14	.0254			.0254
73	1	.0193			.0193
74	3	.0478	.1344		.1822
75	10	.0055			.0055

a The expenditures for rent were not reported.

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

N.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE GROSS OF BOTTLES—Continued.

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
76	10	$0.0100			$0.0100
77	10	.0162			.0162
78	5	.0069	$0.0708		.0777
79	5	.0096	.0973		.1069
80	5	.0104	.1062		.1166
81	5	.0139	.1415		.1554
82	5	.0278	.2831		.3109
83	6	.0263			.0263
84	6	.0527			.0527
85	5	.0156	.1593		.1749
86	5	.0226	.2309		.2526
87	5	.0104	.1062		.1166
88	5	.0044	.0442		.0486
89	5	.0017	.0177		.0194
90	5	.0013	.0133		.0146
91	5	.0048	.0486		.0534
92	5	.0041	.0442		.0486
93	5	.0061	.0619		.0680
94	6	.0120			.0120
95	5	.0104	.1062		.1166
96	6	.0170			.0170
97	5	.0122	.1238		.1360
98	5	.0226	.2300		.2526
99	5	.0013	.0133		.0146
100	5	.0039	.0398		.0437
101	5	.0065	.0664		.0729
102	5	.0078	.0796		.0874
103	5	.0087	.0885		.0972
104	5	.0109	.1111		.1220
105	5	.0148	.1504		.1652
106	5	.0191	.1946		.2137
107	5	.0347	.3539		.3886
108	5	.0065	.0664		.0729
109	5	.0078	.0796		.0874
110	5	.0087	.0885		.0972
111	5	.0148	.1504		.1652
112	1	.0093			.0093
113	2	.0344	.0589		.0933
114	12	.0092		$0.0184	.0276
115	14	.0154			.0154
116	11	.0484			.0484
117	6	.0277			.0277
118	13	.0256	.0023		.0279
119	7	.1298			.1298
120	8	.0330	.0776		.1106
121	2	.0588	.1007		.1595
122	7	.1896			.1896
123	8	.0482	.1134		.1616
124	11	.0846			.0846
125	13	.0443	.0039		.0482
126	14	.0277			.0277
127	1	.0172			.0172
128	12	.0170		.0341	.0511
129	6	.0527			.0527
130	8	.0728	.1710		.2438
131	13	.0709	.0063		.0772
132	5	.0057	.0575		.0632
133	5	.0061	.0619		.0680
134	5	.0078	.0796		.0874
135	5	.0096	.0973		.1069
136	5	.0174	.1769		.1943
137	5	.0048	.0486		.0534
138	5	.0061	.0619		.0680
139	5	.0078	.0796		.0874
140	5	.0100	.1017		.1117
141	5	.0122	.1238		.1360
142	5	.0209	.2123		.2332
143	5	.0243	.2477		.2720
144	5	.0078	.0796		.0874
145	7	.0399			.0399
146	7	.0499			.0499
147	7	.0599			.0599
148	7	.0699			.0699
149	7	.0898			.0898
150	7	.1198			.1198
151	7	.1896			.1896
152	5	.0156	.1593		.1749

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

N.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE GROSS OF BOTTLES—Continued.

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
153	5	$0.0156	$0.1593		$0.1749
154	5	.0156	.1593		.1749
155	11	.0033			.0033
156	11	.0061			.0061
157	11	.0103			.0103
158	11	.0127			.0127
159	5	.0330	.3362		.3692
160	5	.0087	.0885		.0972
161	5	.0122	.1238		.1360
162	5	.0330	.3362		.3692
163	5	.0061	.0619		.0680
164	5	.0122	.1238		.1360
165	5	.0148	.1504		.1652
166	5	.0209	.2123		.2332
167	5	.0330	.3362		.3692
168	5	.0005	.0044		.0049
169	5	.0022	.0221		.0243
170	5	.0084	.0855		.0939
171	5	.0148	.1504		.1652
172	5	.0209	.2123		.2332
173	3	.0016	.0046		.0062
174	1	.0011			.0011
175	3	.0028	.0078		.0106
176	6	.0032			.0032
177	1	.0017			.0017
178	3	.0041	.0117		.0158
179	6	.0059			.0059
180	3	.0058	.0162		.0220
181	1	.0025			.0025
182	5	.0065	.0664		.0729
183	12	.0031		$0.0063	.0094
184	14	.0052			.0052
185	1	.0033			.0033
186	2	.0124	.0212		.0336
187	3	.0083	.0234		.0317
188	6	.0096			.0096
189	7	.0399			.0399
190	11	.0169			.0169
191	13	.0088	.0008		.0096
192	8	.0105	.0245		.0350
193	1	.0039			.0039
194	2	.0148	.0253		.0401
195	8	.0121	.0285		.0406
196	3	.0104	.0292		.0396
197	5	.0087	.0885		.0972
198	6	.0120			.0120
199	7	.0499			.0499
200	11	.0212			.0212
201	12	.0041		.0083	.0124
202	13	.0111	.0010		.0121
203	14	.0069			.0069
204	1	.0050			.0050
205	2	.0186	.0318		.0504
206	3	.0125	.0350		.0475
207	7	.0599			.0599
208	12	.0051		.0101	.0152
209	11	.0273			.0273
210	8	.0167	.0391		.0558
211	13	.0145	.0013		.0158
212	14	.0092			.0092
213	5	.0122	.1238		.1360
214	6	.0168			.0168
215	7	.0699			.0699
216	3	.0153	.0428		.0581
217	11	.0315			.0315
218	8	.0192	.0451		.0643
219	13	.0167	.0015		.0182
220	1	.0071			.0071
221	5	.0148	.1504		.1652
222	2	.0265	.0453		.0718
223	12	.0071		.0142	.0213
224	14	.0119			.0119
225	3	.0187	.0526		.0713
226	7	.0898			.0898
227	8	.0228	.0537		.0765
228	11	.0381			.0381
229	13	.0199	.0018		.0217

TABLE IX.—COST OF PRODUCTION OF **FLINT GLASS BOTTLES** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Concluded.

N.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE GROSS OF BOTTLES—Concluded.

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
230	6	$0.0239			$0.0239
231	1	.0091			.0091
232	2	.0337	$0.0577		.0914
233	12	.0092		$0.0184	.0276
234	14	.0154			.0154
235	3	.0238	.0668		.0906
236	11	.0484			.0484
237	13	.0256	.0023		.0279
238	5	.0209	.2123		.2332
239	6	.0287			.0287
240	7	.1198			.1198
241	8	.0305	.0716		.1021
242	2	.0588	.1007		.1595
243	7	.1896			.1896
244	1	.0167			.0167
245	3	.0416	.1168		.1584
246	6	.0479			.0479
247	8	.0508	.1193		.1701
248	11	.0846			.0846
249	13	.0443	.0039		.0482
250	14	.0277			.0277
251	12	.0170		.0341	.0511
252	5	.0013	.0133		.0146
253	5	.0048	.0486		.0534
254	5	.0087	.0885		.0972
255	5	.0013	.0133		.0146
256	5	.0039	.0398		.0437
257	5	.0057	.0575		.0632
258	5	.0065	.0664		.0729
259	5	.0209	.2123		.2332
260	5	.0013	.0133		.0146
261	5	.0039	.0398		.0437
262	5	.0065	.0664		.0729
263	5	.0087	.0885		.0972
264	5	.0122	.1238		.1360
265	5	.0069	.0708		.0777
266	5	.0113	.1150		.1263
267	5	.0156	.1593		.1749
268	5	.0347	.3539		.3886
269	5	.0022	.0221		.0243
270	5	.0061	.0619		.0680
271	5	.0084	.0855		.0939
272	5	.0113	.1150		.1263
273	5	.0156	.1593		.1749
274	5	.0217	.2212		.2429
275	5	.0330	.3362		.3692
276	5	.0017	.0177		.0194
277	5	.0039	.0398		.0437
278	5	.0044	.0442		.0486
279	6	.0335			.0335

LAMP CHIMNEYS.

LAMP CHIMNEYS.

The tabulation of the facts relating to the cost of production of lamp chimneys follows the same general plan as that employed to show the cost of production of green glass and flint glass bottles, only differing therefrom in regard to the details of labor cost, as shown in sub-table L. These labor costs, which are dependent upon the different varieties of chimneys, are classified as blowing, gathering, finishing or crimping, sticking, knocking-off, cleaning-off, cutting-off, mould-holding, and carrying-in. The cost for the labor which precedes that specified above, and which is common to all kinds and sizes of chimneys, is shown in the same sub-table under the head of "All other."

TABLE X.—*Cost of Production of Lamp Chimneys at Various Establishments in the United States.*

A.—Period covered and quantity of product.
B.—The appliances of production.
C.—Quantity of materials (tons of 2,000 pounds) charged into the furnace.
D.—Cost of materials charged into the furnace.
E.—General statement of cost for the period.
F.—Additional cost of certain theoretical elements for the period.
G.—Cost of materials in one pound of glass.
H.—Certain elements of cost in one pound of glass.
J.—Additional cost of certain theoretical elements in one pound of glass.
K.—Cost of materials in six dozen chimneys.
L.—Cost of labor in six dozen chimneys.
M.—Elements of cost in six dozen chimneys.
N.—Summary of cost of six dozen chimneys.
O.—Additional cost of certain theoretical elements in six dozen chimneys.

In addition to the facts relating to lamp chimneys, information was obtained regarding the cost of certain other varieties of products, viz: Head lights, reflectors, lantern globes, and street lamp globes. The head lights and reflectors, the description and facts relating to the cost of production of which are shown in the statement directly following, were produced in the establishment numbered 4 in the table relating to lamp chimneys, and their weight is included in the quantity of finished glass produced by the establishment, as shown in sub-table A.

The lantern globes and street lamp globes were produced at a factory not included in the group of lamp chimney establishments and for obvious reasons the facts relating to the cost of production of these articles are presented in a separate statement.

COST OF MATERIALS IN SIX DOZEN HEAD LIGHTS AND REFLECTORS PRODUCED IN ONE ESTABLISHMENT IN THE UNITED STATES.

Product number.	Description.			Sand.	Soda ash.	Burnt lime or raw limestone.	Other.	Total.
	Name.	Lead or lime.	Weight of six dozen in pounds.					
1	Head lights	Lime	36	$0.0392	$0.1338	$0.0119	$0.0690	$0.2539
2	Head lights	Lime	36	.0392	.1338	.0119	.0690	.2539
3	Reflectors, 4-inch	Lime	18	.0196	.0669	.0060	.0345	.1270
4	Reflectors, 5-inch	Lime	20¼	.0220	.0753	.0067	.0388	.1428
5	Reflectors, 6-inch	Lime	22½	.0215	.0836	.0074	.0432	.1587
6	Reflectors, 7-inch	Lime	36	.0392	.1338	.0119	.0690	.2539
7	Reflectors, 8-inch	Lime	45	.0490	.1673	.0148	.0863	.3174
8	Reflectors, 9-inch	Lime	67½	.0734	.2509	.0223	.1295	.4761
9	Reflectors, 10-inch	Lime	81	.0881	.3011	.0267	.1554	.5713
10	Reflectors, 11-inch	Lime	90	.0979	.3346	.0297	.1726	.6348
11	Reflectors, 12-inch	Lime	121½	.1322	.4516	.0401	.2330	.8569
12	Reflectors, 14-inch	Lime	126	.1371	.4683	.0416	.2417	.8887

COST OF LABOR IN SIX DOZEN HEAD LIGHTS AND REFLECTORS PRODUCED IN ONE ESTABLISHMENT IN THE UNITED STATES.

Product number.	Blowing.	Gathering.	Finishing or crimping.	Blowing-up.	Paddling.	All other.	Total.
1	$1.1232	$0.4946	$0.2246	----------	----------	$0.2533	$2.0957
2	1.3464	.6446	----------	$0.2700	$0.1800	.2533	2.6943
3	.7200	.3600	----------	.1440	.0936	.1266	1.4442
4	.7711	.3856	----------	.1548	.1022	.1425	1.5562
5	.7992	.3996	----------	.1598	.1066	.1583	1.6235
6	.8640	.4320	----------	.1728	.1152	.2533	1.8373
7	.9818	.4909	----------	.1958	.1122	.3166	2.0973
8	1.0800	.5400	----------	.2160	.1440	.4749	2.4549
9	1.1952	.5976	----------	.2398	.1598	.5698	2.7622
10	1.8000	.9000	----------	.3600	.2398	.6332	3.9330
11	1.8000	.9000	----------	.3600	.2398	.8548	4.1546
12	2.1600	1.0800	----------	.4320	.2880	.8864	4.8464

ELEMENTS OF COST IN SIX DOZEN HEAD LIGHTS AND REFLECTORS PRODUCED IN ONE ESTABLISHMENT IN THE UNITED STATES.

Product number.	Materials.	Labor.	Packing-box.	Officials and clerks.	Supplies and repairs.	Fuel.	Taxes.	Total.
1	$0.2539	$2.0957	$0.2400	$0.1692	$0.0964	$0.1161	$0.0296	$3.0009
2	.2539	2.6943	.3000	.1692	.0961	.1161	.0296	3.6595
3	.1270	1.4442	.2000	.0846	.0482	.0581	.0148	1.9769
4	.1428	1.5562	.2400	.0952	.0542	.0653	.0167	2.1704
5	.1587	1.6235	.2400	.1057	.0603	.0726	.0185	2.2793
6	.2539	1.8373	.3600	.1692	.0964	.1161	.0296	2.8625
7	.3174	2.0973	.4800	.2115	.1206	.1451	.0370	3.4089
8	.4761	2.4549	.5930	.3172	.1808	.2177	.0555	4.2952
9	.5713	2.7622	.5930	.3806	.2170	.2612	.0667	4.8520
10	.6348	3.9330	.7200	.4229	.2411	.2902	.0741	6.3161
11	.8569	4.1546	.9600	.5709	.3255	.3919	.1000	7.3598
12	.8887	4.8464	1.3200	.5921	.3376	.4063	.1037	8.4948

SUMMARY OF COST OF SIX DOZEN HEAD LIGHTS AND REFLECTORS PRODUCED IN ONE ESTABLISHMENT IN THE UNITED STATES.

Product number.	Materials.		Labor.		All other items.		Total.	
	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
1	$0.2539	8.46	$2.0957	69.84	$0.6513	21.70	$3.0009	100
2	.2539	6.94	2.6943	73.62	.7113	19.44	3.6595	100
3	.1270	6.43	1.4442	73.05	.4057	20.52	1.9769	100
4	.1428	6.58	1.5562	71.70	.4714	21.72	2.1704	100
5	.1587	6.96	1.6235	71.23	.4971	21.81	2.2793	100
6	.2539	8.87	1.8373	64.19	.7713	26.94	2.8625	100
7	.3174	9.31	2.0973	61.52	.9942	29.17	3.4089	100
8	.4761	11.08	2.4549	57.16	1.3642	31.76	4.2952	100
9	.5713	11.77	2.7622	56.93	1.5185	31.30	4.8520	100
10	.6348	10.05	3.9330	62.27	1.7483	27.68	6.3161	100
11	.8569	11.64	4.1546	56.45	2.3483	31.91	7.3598	100
12	.8887	10.46	4.8464	57.05	2.7597	32.49	8.4948	100

ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN SIX DOZEN HEAD LIGHTS AND REFLECTORS PRODUCED IN ONE ESTABLISHMENT IN THE UNITED STATES.

Product number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	$0.0435			$0.0435
2	.0435			.0435
3	.0218			.0218
4	.0245			.0245
5	.0272			.0272
6	.0435			.0435
7	.0544			.0544
8	.0816			.0816
9	.0979			.0979
10	.1088			.1088
11	.1469			.1469
12	.1523			.1523

COST OF PRODUCTION OF STREET LAMP GLOBES AND LANTERN GLOBES IN ONE ESTABLISHMENT IN THE UNITED STATES.

Period of time covered	July 1, 1889, to June 30, 1890.
Days of running time	172
Number of blowings (of 9 hours each)	172
Quantity of finished glass produced (pounds)	2,613,573
The appliances of production:	
Melting furnaces in operation	2
Number of pots in furnaces	23
Leers in operation	9
Kind of fuel used in melting furnaces	Coal.
Kind of fuel used in leers	Coke.
Kind of glass made	Lime.

QUANTITY AND COST OF MATERIALS CHARGED INTO THE FURNACE.

Materials.	Tons of 2,000 pounds.	Cost.
Sand	913.00	$2,737
Soda ash	365.20	9,872
Lime	109.56	451
Nitrate of soda	59.00	2,356
Manganese	2.11	211
Arsenic	2.90	168
Zaffre	.03	33
Total	1,451.80	15,828

GENERAL STATEMENT OF COST FOR THE PERIOD.

Elements of cost.	Cost.
Blowing, gathering, and mould-holding	$35,144
Other labor	20,635
Total labor	55,779
Materials	15,828
Officials and clerks	4,700
Supplies and repairs	9,264
Fuel	4,537
Taxes	359
Total	90,467

ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS FOR THE PERIOD.

Elements of cost.	Cost.
Insurance	$703
Interest	.....
Depreciation of value of plant	.....
Total	703

COST OF MATERIALS IN ONE POUND OF GLASS.

Materials.	Cost.
Sand	$0.001047
Soda ash	.003777
Lime	.000173
Nitrate of soda	.000901
Manganese	.000081
Arsenic	.000064
Zaffre	.000013
Total	.006056

CERTAIN ELEMENTS OF COST IN ONE POUND OF GLASS.

Elements of cost.	Cost.
Materials	$0.006056
All labor except blowing, gathering, and mould-holding	.007895
Officials and clerks	.001798
Supplies and repairs	.003545
Fuel	.001736
Taxes	.000137
Total	.021167

ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE POUND OF GLASS.

Elements of cost.	Cost.
Insurance	$0.000269
Interest	.....
Depreciation of value of plant	.....
Total	.000269

COST OF MATERIALS IN ONE DOZEN NUMBER 3 STREET LAMP GLOBES, WEIGHING 30 POUNDS PER DOZEN.

Materials.	Cost.
Sand	$0.0314
Soda ash	.1133
Lime	.0052
Nitrate of soda	.0270
Manganese	.0025
Arsenic	.0019
Zaffre	.0004
Total	.1817

LABOR COST IN THE ABOVE.

Labor.	Cost.
Blowing	$0.1200
Gathering	.1387
Mould-holding	.0693
All other	.2368
Total	.5648

ELEMENTS OF COST IN THE ABOVE.

Elements of cost.	Cost.
Materials	$0.1817
Labor	.5648
Packing-box	.4800
Officials and clerks	.0539
Supplies and repairs	.1064
Fuel	.0521
Taxes	.0041
Total	1.4430

SUMMARY OF COST OF THE ABOVE.

Elements of cost.	Cost.	Per cent.
Materials	$0.1817	12.59
Labor	.5648	39.14
All other items	.6965	48.27
Total	1.4430	100.00

ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN THE ABOVE.

Elements of cost.	Cost.
Insurance	$0.0081
Interest	.....
Depreciation of value of plant	.....
Total	.0081

COST OF MATERIALS IN ONE DOZEN O TUBULAR LANTERN GLOBES, WEIGHING 8¼ POUNDS PER DOZEN.

Materials.	Cost.
Sand	$0.0086
Soda ash	.0312
Lime	.0014
Nitrate of soda	.0075
Manganese	.0007
Arsenic	.0005
Zaffre	.0001
Total	.0500

LABOR COST IN THE ABOVE.

Labor.	Cost.
Blowing	$0.0400
Gathering	.0520
Mould-holding	.0160
All other	.0651
Total	.1731

ELEMENTS OF COST IN THE ABOVE.

Elements of cost.	Cost.
Materials	$0.0500
Labor	.1731
Packing-box	.0625
Officials and clerks	.0148
Supplies and repairs	.0293
Fuel	.0143
Taxes	.0011
Total	.3451

SUMMARY OF COST OF THE ABOVE.

Elements of cost.	Cost.	Per cent.
Materials	$0.0500	14.49
Labor	.1731	50.16
All other items	.1220	35.35
Total	.3451	100.00

ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN THE ABOVE.

Elements of cost.	Cost.
Insurance	$0.0022
Interest	.....
Depreciation of value of plant	.....
Total	.0022

TABLE X.—COST OF PRODUCTION OF LAMP CHIMNEYS AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES.

A.—PERIOD COVERED AND QUANTITY OF PRODUCT.

[The names of the states are omitted to prevent the identification of individual establishments. This and the eight sub-tables which follow (A to J) relate to each establishment as a whole. These establishments are numbered serially, those of the same state being grouped together. For explanation of the product number, see the prefatory note to sub-table K, in which and in the sub-tables that follow it becomes the serial number.]

Establishment number.	Product numbers.	Period covered.		Blowings.		Pounds of finished glass produced.
		Terminal dates.	Days of running time.	Number.	Hours to each.	
1	6, 11, 12, 16, 17, 20, 27, 28, 35, 36, 42, 43, 46, 47, 50, 53, 56, 57, 64, 65, 69, 70, 71, 74, 75, 78, 79, 83 to 85, 87, 88, 91, 92, 97, 99, 100.	July 6, 1889, to July 5, 1890	240	480	5	1,065,262
2	8, 14, 25, 33	July 1, 1889, to June 30, 1890	255	*a* 255	(*a*)	998,269
3	10, 18, 29, 38	Aug. 15, 1889, to July 1, 1890	276	1,012	4½	3,487,800
4	7, 9, 13, 15, 19, 22, 24, 32, 34, 41, 45, 49, 51, 54, 59, 67, 68, 76, 82, 86, 89, 90, 93 to 95.	June 1, 1889, to May 31, 1890	222	814	4½	1,240,281
5	1 to 5, 21, 23, 26, 30, 31, 37, 39, 40, 44, 48, 52, 55, 58, 60 to 63, 66, 72, 73, 77, 80, 81, 96, 98, 101.	July 1, 1889, to June 30, 1890	264	484	5	1,435,005

a 213 ten-hour turns and 42 five-hour turns.

TABLE X.—COST OF PRODUCTION OF LAMP CHIMNEYS AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

B.—THE APPLIANCES OF PRODUCTION.

Establishment number.	Melting furnaces.		Finishing ovens or glory holes.	Tempering ovens or leers.	Kind of fuel used in—		
	Number.	Total pots.			Melting furnaces.	Finishing ovens or glory holes.	Tempering ovens or leers.
1	1	10	2	2	Coal	Oil	Coke.
2	1	10	2	2	Coal	Oil	Coke.
3	3	40	12	8	Natural gas	Natural gas	Natural gas.
4	1	10	7	2	Natural gas	Natural gas	Natural gas.
5	1	15	6	2	Natural gas	Natural gas	Natural gas.

TABLE X.—COST OF PRODUCTION OF LAMP CHIMNEYS AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

C.—QUANTITY OF MATERIALS (TONS OF 2,000 POUNDS) CHARGED INTO THE FURNACE.

Establishment number.	Sand.	Soda ash.	Potash.	Burnt lime or raw limestone.	Lead.	Nitre.	Manganese.	Glass.	Other.	Total.
1	330.00	134.61	3.60	31.28	8.82	.....	.....	104.03	16.50	628.84
2	397.55	132.00	.....	60.62	.....	.....	.....	8.00	21.08	619.25
3	1,300.00	420.00	60.00	50.00	230.00	*a* 85.00	.....	.....	(*b*)	*c* 2,145.00
4	450.00	188.00	.....	88.00	.....	*a* 20.00	.....	.....	43.00	789.00
5	598.00	54.22	101.67	.....	231.33	6.00	2.00	.....	40.36	1,033.58

a Nitrate of soda.
b Other chemicals were used, but the quantity was not reported.
c Not including other chemicals.

TABLE X.—COST OF PRODUCTION OF **LAMP CHIMNEYS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

D.—COST OF MATERIALS CHARGED INTO THE FURNACE.

Establishment number.	Sand.	Soda ash.	Potash.	Burnt lime or raw limestone.	Lead.	Nitre.	Manganese.	Glass.	Other.	Total.
1	$743	$3,395	$360	$181	$808	.....	.....	$1,217	$701	$7,405
2	875	3,660	.....	520	.....	.....	.....	80	843	5,978
3	4,500	12,000	6,200	600	20,000	*a* $3,200	.....	.....	1,000	47,500
4	1,350	4,610	.....	409	.....	*a* 800	.....	.....	1,579	8,748
5	2,207	2,081	11,052	.....	19,905	240	$202	.....	2,070	37,757

a Represents the expenditures for nitrate of soda.

TABLE X.—COST OF PRODUCTION OF **LAMP CHIMNEYS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

E.—GENERAL STATEMENT OF COST FOR THE PERIOD.

[Insurance, interest, depreciation of value of plant, charges for freight of product to place of free delivery, and expenditures for packing-boxes are not included.]

Establishment number.	Materials.	Labor.			Officials and clerks.	Supplies and repairs.	Fuel.	Taxes.	Total.
		Blowing, gathering, crimping, sticking, knocking-off, cleaning-off, cutting-off, mould-holding, carrying-in.	Other.	Total.					
1	$7,405	$32,593	$12,100	$44,693	$3,000	$2,141	$6,527	$219	$63,985
2	5,978	36,134	8,937	45,071	1,800	2,100	5,211	320	60,480
3	47,500	150,000	33,000	183,000	14,500	11,000	11,500	1,100	268,600
4	8,748	50,763	8,725	59,488	5,828	3,323	4,000	1,020	82,407
5	37,757	67,981	17,853	85,834	5,713	11,025	5,144	(*a*)	145,473

a Taxes not paid by lessees of factory.

TABLE X.—COST OF PRODUCTION OF **LAMP CHIMNEYS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

F.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS FOR THE PERIOD.

Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	$360	.....	.....	$360
2	450	$60	.....	510
3	1,800	.....	.....	1,800
4	1,500	.....	.....	1,500
5	300	*a* 5,500	.....	*a* 5,800

a Including rent, $4,500.

TABLE X.—COST OF PRODUCTION OF **LAMP CHIMNEYS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

G.—COST OF MATERIALS IN ONE POUND OF GLASS.

Establishment number.	Sand.	Soda ash.	Potash.	Burnt lime or raw limestone.	Lead.	Nitre.	Manganese.	Glass.	Other.	Total.
1 (*a*)	$0.000358	$0.001009	$0.003300	$0.000018	$0.007407	.....	.....	$0.003181	$0.000348	$0.015621
1 (*b*)	.000736	.003436	.....	.000187	.....	.....	.....	.000910	.000693	.005962
2	.000876	.003666	.....	.000521	.....	.....	.....	.000080	.000845	.005988
3	.001290	.003441	.001778	.000172	.005734	*c* $0.000917	.....	.....	.000287	.013619
4	.001088	.003717	.....	.000330	.....	*c*. 000645	.....	.....	.001273	.007053
5	.001538	.001450	.007702	.....	.013871	.000167	$0.000141	.....	.001442	.026311

a The figures in this line represent the cost of lead glass.
b The figures in this line represent the cost of lime glass.
c Represents the expenditures for nitrate of soda.

TABLE X.—COST OF PRODUCTION OF **LAMP CHIMNEYS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

H.—CERTAIN ELEMENTS OF COST IN ONE POUND OF GLASS.

Establishment number.	Materials.	All labor except blowing, gathering, crimping, sticking, knocking-off, cleaning-off, cutting-off, mould-holding, carrying-in.	Officials and clerks.	Supplies and repairs.	Fuel.	Taxes.	Total.
1 (*a*)	$0.015621	$0.011359	$0.002816	$0.002010	$0.006127	$0.000206	$0.038139
1 (*b*)	.005962	.011359	.002816	.002010	.006127	.000206	.028480
2	.005988	.008953	.001803	.002104	.005220	.000320	.024388
3	.013619	.009462	.004157	.003154	.003297	.000315	.034004
4	.007053	.007035	.004699	.002679	.003225	.000823	.025514
5	.026311	.012441	.003981	.007683	.003585	(*c*)	.054001

a The figures in this line represent the cost of lead glass.
b The figures in this line represent the cost of lime glass.
c Taxes not paid by lessees of factory.

TABLE X.—COST OF PRODUCTION OF **LAMP CHIMNEYS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

J.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN ONE POUND OF GLASS.

Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	$0.000338	.....	.....	$0.000338
2	.000451	$0.000060	.....	.000511
3	.000516	.....	.....	.000516
4	.001209	.....	.....	.001209
5	.000209	*a* .003833	.....	*a* .004042

a Including rent, $0.003136.

TABLE X.—COST OF PRODUCTION OF **LAMP CHIMNEYS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

K.—COST OF MATERIALS IN SIX DOZEN CHIMNEYS.

[The preceding sub-tables (A to J) relate to each establishment as a whole, but this and the following (K to O) relate to individual products of the establishments, those of a like kind being grouped

Product number.	Establishment number.	Description.	Lead or lime.	Weight of six dozen in pounds.
1	5	Argand, moulded	Lead	22½
2	5	Argand	Lead	22½
3	5	Argand, gas, 6-inch, moulded	Lead	13
4	5	Argand, gas, 7-inch, moulded	Lead	15
5	5	Argand, gas, 8-inch, moulded	Lead	17
6	1	Bulb, crimp top, for sun burner; number 0	Lime	12½
7	4	Bulb, crimp top, for sun burner; number 0	Lime	13½
8	2	Bulb, crimp top, for sun burner; number 1	Lime	16½
9	4	Bulb, crimp top, for sun burner; number 1	Lime	16½
10	3	Bulb, crimp top, for sun burner; number 1	Lead	18
11	1	Bulb, crimp top, for sun burner; number 1	Lead	21
12	1	Bulb, crimp top, for sun burner; number 1	Lime	21
13	4	Bulb, crimp top, for sun burner; number 1	Lime	36
14	2	Bulb, crimp top, for sun burner; number 2	Lime	20½
15	4	Bulb, crimp top, for sun burner; number 2	Lime	20½
16	1	Bulb, crimp top, for sun burner; number 2	Lead	24
17	1	Bulb, crimp top, for sun burner; number 2	Lime	24
18	3	Bulb, crimp top, for sun burner; number 2	Lead	27
19	4	Bulb, crimp top, for sun burner; number 2	Lime	45
20	1	Bulb, plain top, for sun burner; number 0	Lime	12
21	5	Bulb, plain top, for sun burner; number 0	Lead	13
22	4	Bulb, plain top, for sun burner; number 0	Lime	13½
23	5	Bulb, plain top, for sun burner; number 0	Lead	22½
24	4	Bulb, plain top, for sun burner; number 1	Lime	16½
25	2	Bulb, plain top, for sun burner; number 1	Lime	16½
26	5	Bulb, plain top, for sun burner; number 1	Lead	17
27	1	Bulb, plain top, for sun burner; number 1	Lead	18
28	1	Bulb, plain top, for sun burner; number 1	Lime	18
29	3	Bulb, plain top, for sun burner; number 1	Lead	18
30	5	Bulb, plain top, for sun burner; number 1	Lead	27
31	5	Bulb, plain top, for sun burner; number 1	Lead	31½
32	4	Bulb, plain top, for sun burner; number 1	Lime	36
33	2	Bulb, plain top, for sun burner; number 2	Lime	20½
34	4	Bulb, plain top, for sun burner; number 2	Lime	20½
35	1	Bulb, plain top, for sun burner; number 2	Lead	24
36	1	Bulb, plain top, for sun burner; number 2	Lime	24
37	5	Bulb, plain top, for sun burner; number 2	Lead	26
38	3	Bulb, plain top, for sun burner; number 2	Lead	27
39	5	Bulb, plain top, for sun burner; number 2	Lead	36
40	5	Bulb, plain top, for sun burner; number 2	Lead	40½
41	4	Bulb, plain top, for sun burner; number 2	Lime	45
42	1	Drummond, number 1, moulded	Lime	20
43	1	Drummond, number 2, moulded	Lime	30½
44	5	Dual, number 1	Lead	15
45	4	Dual, number 1	Lime	18
46	1	Dual, number 2	Lead	16½
47	1	Dual, number 2	Lime	16½
48	5	Dual, number 2	Lead	20
49	4	Dual, number 2	Lime	27
50	1	Dual, number 3	Lime	22½
51	4	Dual, number 3	Lime	27
52	5	Dual, number 3	Lead	35
53	1	Electric, number 1	Lime	15½
54	4	Electric, number 1	Lime	18
55	5	Electric, number 1	Lead	22
56	1	Electric, number 2	Lead	24
57	1	Electric, number 2	Lime	24
58	5	Electric, number 2	Lead	26
59	4	Electric, number 2	Lime	31½
60	5	Globe, incandescent, moulded	Lead	37
61	5	Imperial, moulded	Lead	26½
62	5	Leader, number 1, moulded	Lead	26½
63	5	Leader, number 2, moulded	Lead	33½
64	1	Leader, number 2, moulded	Lead	40
65	1	Leader, number 2, moulded	Lime	40
66	5	Leader, number 3, moulded	Lead	48
67	4	Phœnix, crimp top, for sun burner; number 1	Lime	27
68	4	Phœnix, crimp top, for sun burner; number 2	Lime	31½
69	1	Pinafore, crimp top, for sun burner; number 2, moulded	Lead	33
70	1	Pinafore, crimp top, for sun burner; number 2, moulded	Lime	38

TABLE X.—COST OF PRODUCTION OF **LAMP CHIMNEYS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

K.—COST OF MATERIALS IN SIX DOZEN CHIMNEYS.

together and numbered serially. The numbers of the establishments to which they refer are shown in the second column.]

Sand.	Soda ash.	Potash.	Burnt lime or raw limestone.	Lead.	Nitre.	Manganese.	Glass.	Other.	Total.	Product number.
$0.0346	$0.0326	$0.1733	.....	$0.3121	$0.0038	$0.0032	.....	$0.0324	$0.5920	1
.0346	.0326	.1733	.....	.3121	.0038	.0032	.....	.0324	.5920	2
.0200	.0189	.1001	.....	.1803	.0022	.0018	.....	.0188	.3421	3
.0231	.0218	.1155	.....	.2081	.0025	.0021	.....	.0216	.3947	4
.0262	.0247	.1309	.....	.2358	.0028	.0024	.....	.0245	.4473	5
.0093	.0435	.....	$0.0024	.....	.....	.....	$0.0115	.0088	.0755	6
.0147	.0502	.....	.0044	.....	a.0087	.....	.....	.0172	.0952	7
.0144	.0605	.....	.0086	.....	.....	.....	.0013	.0140	.0988	8
.0180	.0613	.....	.0054	.....	a.0107	.....	.....	.0210	.1164	9
.0232	.0620	.0320	.0031	.1032	a.0165	.....	.....	.0052	.2452	10
.0075	.0212	.0693	.0004	.1555	.....	.....	.0668	.0073	.3280	11
.0155	.0722	.....	.0039	.....	.....	.....	.0191	.0145	.1252	12
.0392	.1338	.....	.0119	.....	a.0232	.....	.....	.0458	.2539	13
.0178	.0742	.....	.0106	.....	.....	.....	.0016	.0171	.1213	14
.0220	.0753	.....	.0067	.....	a.0130	.....	.....	.0258	.1428	15
.0086	.0242	.0792	.0004	.1778	.....	.....	.0763	.0084	.3749	16
.0177	.0825	.....	.0045	.....	.....	.....	.0218	.0166	.1431	17
.0348	.0929	.0480	.0047	.1548	a.0248	.....	.....	.0077	.3677	18
.0490	.1673	.....	.0148	.....	a.0290	.....	.....	.0573	.3174	19
.0088	.0412	.....	.0023	.....	.....	.....	.0109	.0083	.0715	20
.0200	.0189	.1001	.....	.1803	.0022	.0018	.....	.0188	.3421	21
.0147	.0502	.....	.0044	.....	a.0087	.....	.....	.0172	.0952	22
.0346	.0326	.1733	.....	.3121	.0038	.0032	.....	.0324	.5920	23
.0180	.0613	.....	.0054	.....	a.0107	.....	.....	.0210	.1164	24
.0144	.0605	.....	.0086	.....	.....	.....	.0013	.0140	.0988	25
.0262	.0247	.1309	.....	.2358	.0028	.0024	.....	.0245	.4473	26
.0064	.0182	.0594	.0003	.1333	.....	.....	.0573	.0063	.2812	27
.0132	.0618	.....	.0034	.....	.....	.....	.0164	.0125	.1073	28
.0232	.0620	.0320	.0031	.1032	a.0165	.....	.....	.0052	.2452	29
.0415	.0392	.2080	.....	.3745	.0045	.0038	.....	.0389	.7104	30
.0485	.0457	.2426	.....	.4369	.0053	.0044	.....	.0454	.8288	31
.0392	.1338	.....	.0119	.....	a.0232	.....	.....	.0458	.2539	32
.0178	.0742	.....	.0106	.....	.....	.....	.0016	.0171	.1213	33
.0220	.0753	.....	.0067	.....	a.0130	.....	.....	.0258	.1428	34
.0086	.0242	.0792	.0004	.1778	.....	.....	.0763	.0084	.3749	35
.0177	.0825	.....	.0045	.....	.....	.....	.0218	.0166	.1431	36
.0400	.0377	.2003	.....	.3606	.0043	.0037	.....	.0375	.6841	37
.0348	.0929	.0480	.0047	.1548	a.0248	.....	.....	.0077	.3677	38
.0554	.0522	.2773	.....	.4993	.0060	.0051	.....	.0519	.9472	39
.0623	.0587	.3119	.....	.5618	.0068	.0057	.....	.0584	1.0656	40
.0490	.1673	.....	.0148	.....	a.0290	.....	.....	.0573	.3174	41
.0147	.0687	.....	.0037	.....	.....	.....	.0182	.0139	.1192	42
.0226	.1054	.....	.0057	.....	.....	.....	.0279	.0212	.1828	43
.0231	.0218	.1155	.....	.2081	.0025	.0021	.....	.0216	.3947	44
.0196	.0669	.....	.0060	.....	a.0116	.....	.....	.0229	.1270	45
.0059	.0166	.0545	.0003	.1222	.....	.....	.0525	.0057	.2577	46
.0122	.0567	.....	.0031	.....	.....	.....	.0150	.0114	.0984	47
.0308	.0290	.1541	.....	.2774	.0033	.0028	.....	.0288	.5262	48
.0294	.1003	.....	.0089	.....	a.0174	.....	.....	.0344	.1904	49
.0165	.0773	.....	.0042	.....	.....	.....	.0205	.0156	.1341	50
.0294	.1003	.....	.0089	.....	a.0174	.....	.....	.0344	.1904	51
.0538	.0508	.2696	.....	.4855	.0058	.0049	.....	.0505	.9209	52
.0115	.0538	.....	.0029	.....	.....	.....	.0143	.0109	.0934	53
.0196	.0669	.....	.0060	.....	a.0116	.....	.....	.0229	.1270	54
.0338	.0319	.1694	.....	.3052	.0037	.0031	.....	.0317	.5788	55
.0086	.0242	.0792	.0004	.1778	.....	.....	.0763	.0084	.3749	56
.0177	.0825	.....	.0045	.....	.....	.....	.0218	.0166	.1431	57
.0400	.0377	.2003	.....	.3606	.0043	.0037	.....	.0375	.6841	58
.0343	.1171	.....	.0104	.....	a.0203	.....	.....	.0401	.2222	59
.0569	.0536	.2850	.....	.5132	.0062	.0052	.....	.0534	.9735	60
.0408	.0384	.2041	.....	.3676	.0044	.0037	.....	.0382	.6972	61
.0410	.0387	.2054	.....	.3699	.0044	.0038	.....	.0384	.7016	62
.0515	.0486	.2580	.....	.4647	.0056	.0047	.....	.0483	.8814	63
.0143	.0404	.1320	.0007	.2963	.....	.....	.1272	.0139	.6248	64
.0294	.1375	.....	.0075	.....	.....	.....	.0364	.0277	.2385	65
.0738	.0696	.3697	.....	.6658	.0080	.0068	.....	.0692	1.2629	66
.0294	.1003	.....	.0089	.....	a.0174	.....	.....	.0344	.1904	67
.0343	.1171	.....	.0104	.....	a.0203	.....	.....	.0401	.2222	68
.0136	.0383	.1254	.0007	.2815	.....	.....	.1209	.0132	.5936	69
.0280	.1306	.....	.0071	.....	.....	.....	.0346	.0263	.2266	70

a Represents the expenditures for nitrate of soda.

TABLE V.—COST OF PRODUCTION OF **LAMP CHIMNEYS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

K.—COST OF MATERIALS IN SIX DOZEN CHIMNEYS—Concluded.

[The preceding sub-tables (A to J) relate to each establishment as a whole, but this and the following (K to O) relate to individual products of the establishments, those of a like kind being grouped

Product number.	Establishment number.	Description.	Lead or lime.	Weight of six dozen in pounds.
71	1	Plain top, for sun hinge burner; number 0	Lime	12
72	5	Plain top, for sun hinge burner; number 0	Lead	[illegible]
73	5	Plain top, for sun hinge burner; number 1	Lead	16
74	1	Plain top, for sun hinge burner; number 1	Lead	18
75	1	Plain top, for sun hinge burner; number 1	Lime	18
76	4	Plain top, for sun hinge burner; number 1	Lime	18
77	5	Plain top, for sun hinge burner; number 2	Lead	21
78	1	Plain top, for sun hinge burner; number 2	Lead	24
79	1	Plain top, for sun hinge burner; number 2	Lime	24
80	5	Plain top, for sun hinge burner; number 2	Lead	31½
81	5	Plain top, for sun hinge burner; number 3	Lead	35
82	4	Plain top, for sun hinge burner; number 3	Lime	36
83	1	Plain top, for sun hinge burner; number 3	Lead	45
84	1	Plain top, for sun hinge burner; number 3	Lime	45
85	1	Rochester, number 1	Lime	15⅝
86	4	Rochester, number 1	Lime	22½
87	1	Rochester, number 2	Lead	24
88	1	Rochester, number 2	Lime	24
89	4	Rochester, number 2	Lime	27
90	4	Rochester, number 3	Lime	54
91	1	Rochester, number 3	Lead	60
92	1	Rochester, number 3	Lime	60
93	4	Sun, number 0	Lime	13½
94	4	Sun, number 1	Lime	18
95	4	Sun, number 2	Lime	27
96	5	Sun, straight, plain top; number 0	Lead	12
97	1	Sun, straight, plain top; number 0	Lime	12⅜
98	5	Sun, straight, plain top; number 1	Lead	17
99	1	Sun, straight, plain top; number 1	Lime	21
100	1	Sun, straight, plain top; number 2	Lime	24
101	5	Sun, straight, plain top; number 2	Lead	26

TABLE X.—COST OF PRODUCTION OF **LAMP CHIMNEYS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

K.—COST OF MATERIALS IN SIX DOZEN CHIMNEYS—Concluded.

together and numbered serially. The numbers of the establishments to which they refer are shown in the second column.]

Sand.	Soda ash.	Potash.	Burnt lime or raw lime-stone.	Lead.	Nitre.	Manga-nese.	Glass.	Other.	Total.	Prod-uct num-ber.
$0.0088	$0.0412	.....	$0.0023	.....	.....	.....	$0.0109	$0.0083	$0.0715	71
.0200	.0259	$0.1201	.....	$0.1803	$0.0022	$0.0018	.....	.0188	.3421	72
.0246	.0272	.1282	.....	.2219	.0027	.0023	.....	.0231	.4210	73
.0064	.0182	.0594	.0003	.1333	.....	.....	.0573	.0063	.2812	74
.0102	.0128	.....	.0084	.....	.....	.....	.0164	.0125	.1073	75
.0206	.0009	.....	.0260	.....	a.0116	.....	.....	.0229	.1270	76
.0321	.0004	.1617	.....	.2913	.0035	.0030	.....	.0303	.5525	77
.0086	.0242	.0792	.0064	.1778	.....	.....	.0763	.0084	.3749	78
.0177	.0025	.....	.0045	.....	.....	.....	.0218	.0166	.1431	79
.0483	.0457	.2426	.....	.4369	.0053	.0044	.....	.0454	.8288	80
.0548	.0524	.2696	.....	.4855	.0058	.0049	.....	.0505	.9209	81
.0492	.1708	.....	.0119	.....	a.0232	.....	.....	.0458	.2539	82
.1601	.0454	.1485	.0008	.3333	.....	.....	.1431	.0157	.7029	83
.0341	.1540	.....	.0084	.....	.....	.....	.0410	.0312	.2683	84
.0815	.0408	.....	.0029	.....	.....	.....	.0143	.0109	.0934	85
.0245	.0098	.....	.0074	.....	a.0145	.....	.....	.0287	.1557	86
.0086	.0242	.0792	.0064	.1778	.....	.....	.0763	.0084	.3749	87
.0177	.0025	.....	.0045	.....	.....	.....	.0218	.0166	.1431	88
.0294	.0097	.....	.0089	.....	a.0174	.....	.....	.0344	.1904	89
.0703	.0267	.....	.0178	.....	a.0348	.....	.....	.0688	.3809	90
.2215	.0785	.3989	.0021	.4441	.....	.....	.1909	.0209	.9373	91
.1442	.0423	.....	.0112	.....	.....	.....	.0546	.0416	.3577	93
.0147	.0052	.....	.0044	.....	a.0087	.....	.....	.0172	.0952	93
.0306	.0202	.....	.0061	.....	a.0119	.....	.....	.0229	.1270	94
.0294	.0097	.....	.0089	.....	a.0174	.....	.....	.0344	.1904	95
.0853	.0174	.0021	.....	.1664	.0020	.0017	.....	.0173	.3157	96
.0200	.0445	.....	.0024	.....	.....	.....	.0115	.0088	.0755	97
.1202	.0247	.1599	.....	.2858	.0028	.0024	.....	.0245	.4473	90
.0693	.0137	.....	.0089	.....	.....	.....	.0191	.0145	.1252	99
.0777	.0425	.....	.0016	.....	.....	.....	.0218	.0166	.1431	100
.0400	.0977	.2906	.....	.3606	.0043	.0037	.....	.0375	.6841	101

a Represents the expenditures for nitrate of soda.

TABLE X.—COST OF PRODUCTION OF **LAMP CHIMNEYS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

L.—COST OF LABOR IN SIX DOZEN CHIMNEYS.

Product number.	Establishment number.	Blowing.	Gathering.	Finishing or crimping.	Sticking.	Knocking-off.	Cleaning-off.	Cutting off.	Moulding-holding.	Carrying-in.	All other.	Total.
1	5	$0.2880	$0.3168	.....	.....	.....	$0.1080	$0.1080	$0.0720	$0.0576	$0.2799	$1.2303
2	5	.8208	.4104	$0.1632	.....	.....	.....	.....	.....	.....	.2799	1.6743
3	5	.2618	.3011	.....	.....	.....	.0982	.0982	.0654	.0524	.1617	1.0388
4	5	.2618	.2011	.....	.....	.....	.0982	.0982	.0654	.0524	.1866	.9637
5	5	.2880	.3168	.....	.....	.....	.1080	.1080	.0720	.0576	.2115	1.1619
6	1	.2394	.1465	.3354	$0.0840	$0.0588	.....	.....	.....	.....	.1439	1.0080
7	4	.4608	.2635	.1195	.....	.....	.....	.....	.....	.....	.0950	.9388
8	2	.2580	.1725	.3840	.0910	.0690	.....	.....	.....	.....	.1477	1.1222
9	4	.4896	.2822	.1282	.....	.....	.....	.....	.....	.....	.1161	1.0161
10	3	.5200	.2600	.1200	.....	.....	.....	.....	.....	.....	.1703	1.0703
11	1	.2400	.1527	.3480	.0873	.0600	.....	.....	.....	.....	.2386	1.1266
12	1	.2400	.1527	.3480	.0873	.0600	.....	.....	.....	.....	.2386	1.1266
13	4	.7694	.3960	.1800	.....	.....	.....	.....	.....	.....	.2533	1.5987
14	2	.3050	.1900	.4580	.1090	.0800	.....	.....	.....	.....	.1813	1.3233
15	4	.5904	.3168	.1440	.....	.....	.....	.....	.....	.....	.1425	1.1937
16	1	.3060	.1910	.4473	.1091	.0763	.....	.....	.....	.....	.2726	1.4023
17	1	.3060	.1910	.4473	.1091	.0763	.....	.....	.....	.....	.2726	1.4023
18	3	.6000	.3000	.1500	.....	.....	.....	.....	.....	.....	.2555	1.3055
19	4	.9648	.5566	.2398	.....	.....	.....	.....	.....	.....	.3166	2.0778
20	1	.2250	.1400	.3200	.0800	.0560	.....	.....	.....	.....	.1363	.9573
21	5	.4608	.2592	.1125	.....	.....	.....	.....	.....	.....	.1617	.9942
22	4	.4608	.2635	.1195	.....	.....	.....	.....	.....	.....	.0950	.9388
23	5	.5544	.2970	.1296	.....	.....	.....	.....	.....	.....	.2799	1.2609
24	4	.4896	.2822	.1282	.....	.....	.....	.....	.....	.....	.1161	1.0161
25	2	.2480	.1550	.3700	.0890	.0670	.....	.....	.....	.....	.1477	1.0767
26	5	.4896	.2760	.1200	.....	.....	.....	.....	.....	.....	.2115	1.0971
27	1	.2400	.1479	.3379	.0845	.0592	.....	.....	.....	.....	.2044	1.0739
28	1	.2400	.1479	.3379	.0845	.0592	.....	.....	.....	.....	.2044	1.0739
29	3	.5200	.2600	.....	.....	.....	.....	.....	.....	.....	.1703	.9503
30	5	.6480	.3444	.1500	.....	.....	.....	.....	.....	.....	.3359	1.4783
31	5	.7056	.3762	.1632	.....	.....	.....	.....	.....	.1310	.3919	1.7679
32	4	.7694	.3960	.1800	.....	.....	.....	.....	.....	.....	.2533	1.5987
33	2	.2710	.1690	.4060	.0970	.0730	.....	.....	.....	.....	.1813	1.1973
34	4	.5904	.3168	.1440	.....	.....	.....	.....	.....	.....	.1425	1.1937
35	1	.2710	.1694	.3871	.0968	.0680	.....	.....	.....	.....	.2726	1.2649
36	1	.2710	.1694	.3871	.0968	.0680	.....	.....	.....	.....	.2726	1.2649
37	5	.5904	.3312	.1440	.....	.....	.....	.....	.....	.....	.3234	1.3890
38	3	.6000	.3000	.....	.....	.....	.....	.....	.....	.....	.2555	1.1555
39	5	.8568	.4600	.2000	.....	.....	.....	.....	.....	.....	.4479	1.9647
40	5	.9144	.4872	.2112	.....	.....	.....	.....	.....	.1692	.5039	2.2859
41	4	.9648	.5566	.2398	.....	.....	.....	.....	.....	.....	.3166	2.0778
42	1	.4032	.....	.....	.....	.0374	.....	.....	.0432	.0336	.2272	.7446
43	1	.4838	.....	.....	.....	.0461	.....	.....	.0518	.0403	.3484	.9704
44	5	.5400	.2760	.1200	.....	.....	.....	.....	.....	.....	.1866	1.1226
45	4	.5760	.2880	.1303	.....	.....	.....	.....	.....	.....	.1266	1.1209
46	1	.2710	.1694	.3871	.0968	.0680	.....	.....	.....	.....	.1874	1.1797
47	1	.2710	.1694	.3871	.0968	.0680	.....	.....	.....	.....	.1874	1.1797
48	5	.6480	.3312	.1440	.....	.....	.....	.....	.....	.....	.2488	1.3720
49	4	.6480	.3168	.1440	.....	.....	.....	.....	.....	.....	.1900	1.2988
50	1	.3360	.2100	.4800	.1200	.0840	.....	.....	.....	.....	.2556	1.4856
51	4	.8208	.3600	.1634	.....	.....	.....	.....	.....	.....	.1900	1.5342
52	5	.8208	.4104	.1632	.....	.....	.....	.....	.....	.....	.4354	1.8298
53	1	.3360	.2100	.4800	.1200	.0840	.....	.....	.....	.....	.1780	1.4080
54	4	.7200	.3168	.1440	.....	.....	.....	.....	.....	.....	.1266	1.3074
55	5	.7200	.3600	.1440	.....	.....	.....	.....	.....	.....	.2737	1.4977
56	1	.3734	.2333	.5334	.1333	.0933	.....	.....	.....	.....	.2726	1.6393
57	1	.3734	.2333	.5334	.1333	.0933	.....	.....	.....	.....	.2726	1.6393
58	5	.8208	.4104	.1632	.....	.....	.....	.....	.....	.....	.3234	1.7178
59	4	.8208	.3600	.1634	.....	.....	.....	.....	.....	.....	.2216	1.5658
60	5	.3060	.3396	.....	.....	.....	.1020	.1020	.0612	.....	.4603	1.3711
61	5	.3032	.3484	.....	.....	.....	.1137	.1138	.0756	.0612	.3297	1.3456
62	5	.1916	.2112	.....	.....	.....	.....	.0720	.0432	.0384	.3318	.8882
63	5	.2304	.2534	.....	.....	.....	.....	.0864	.0518	.0456	.4168	1.0844
64	1	.4838	.....	.....	.....	.0461	.....	.....	.0518	.0403	.4544	1.0764
65	1	.4838	.....	.....	.....	.0461	.....	.....	.0518	.0403	.4544	1.0764
66	5	.3204	.3936	.....	.....	.....	.....	.1200	.0810	.0648	.5972	1.5770
67	4	.6480	.3168	.1440	.....	.....	.....	.....	.....	.....	.1900	1.2988
68	4	.7488	.3600	.1634	.....	.....	.....	.....	.....	.....	.2216	1.4938
69	1	.4838	.....	.....	.....	.0461	.....	.....	.0518	.0403	.4317	1.0537
70	1	.4838	.....	.....	.....	.0461	.....	.....	.0518	.0403	.4316	1.0536
71	1	.2394	.1465	.3354	.0840	.0588	.....	.....	.....	.....	.1363	1.0004
72	5	.5040	.2592	.1125	.....	.....	.....	.....	.....	.....	.1617	1.0374
73	5	.5400	.2760	.1200	.....	.....	.....	.....	.....	.....	.1990	1.1350
74	1	.2546	.1591	.3640	.0909	.0640	.....	.....	.....	.....	.2044	1.1370

TABLE X.—COST OF PRODUCTION OF **LAMP CHIMNEYS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

L.—COST OF LABOR IN SIX DOZEN CHIMNEYS—Concluded.

Product number.	Establishment number.	Blowing.	Gathering.	Finishing or crimping.	Sticking.	Knocking-off.	Cleaning-off.	Cutting off.	Mould holding.	Carrying-in.	All other.	Total.
75	1	$0.2546	$0.1591	$0.3640	$0.0909	$0.0640	.....	.....	.....	.....	$0.2044	$1.1370
76	4	.5400	.2635	.1195	.....	.....	.....	.....	.....	.....	.1266	1.0496
77	5	.6480	.3312	.1440	.....	.....	.....	.....	.....	.....	.2613	1.3845
78	1	.3060	.1910	.4473	.1091	.0763	.....	.....	.....	.....	.2726	1.4023
79	1	.3060	.1910	.4473	.1091	.0763	.....	.....	.....	.....	.2726	1.4023
80	5	.8100	.3480	.1800	.....	.....	.....	.....	.....	.....	.3919	1.7299
81	5	1.0000	.5004	.1998	.....	.....	.....	.....	.....	.....	.4354	2.1356
82	4	1.0008	.4399	.1994	.....	.....	.....	.....	.....	.....	.2533	1.8934
83	1	.3818	.2400	.5454	.1363	.0960	.....	.....	.....	.....	.5112	1.9107
84	1	.3818	.2400	.5454	.1363	.0960	.....	.....	.....	.....	.5111	1.9106
85	1	.3360	.2100	.4800	.1200	.0840	.....	.....	.....	.....	.1780	1.4080
86	4	.7200	.3168	.1440	.....	.....	.....	.....	.....	.....	.1583	1.3391
87	1	.3734	.2333	.5334	.1333	.0933	.....	.....	.....	.....	.2726	1.6393
88	1	.3734	.2333	.5334	.1333	.0933	.....	.....	.....	.....	.2726	1.6393
89	4	.8208	.3600	.1634	.....	.....	.....	.....	.....	.....	.1900	1.5342
90	4	1.3824	.6091	.2765	.....	.....	.....	.....	.....	.....	.3799	2.6479
91	1	.6465	.4038	.9231	.2308	.1620	.....	.....	.....	.....	.6815	3.0477
92	1	.6465	.4038	.9231	.2308	.1620	.....	.....	.....	.....	.6815	3.0477
93	4	.4896	.2635	.1195	.....	.....	.....	.....	.....	.....	.0950	.9676
94	4	.5328	.2880	.1303	.....	.....	.....	.....	.....	.....	.1266	1.0777
95	4	.6408	.3434	.1562	.....	.....	.....	.....	.....	.....	.1900	1.3304
96	5	.4896	.2760	.1200	.....	.....	.....	.....	.....	.....	.1493	1.0349
97	1	.2394	.1465	.3354	.0840	.0588	.....	.....	.....	.....	.1439	1.0080
98	5	.5328	.3011	.1303	.....	.....	.....	.....	.....	.....	.2115	1.1757
99	1	.2400	.1527	.3480	.0873	.0600	.....	.....	.....	.....	.2386	1.1266
100	1	.3060	.1910	.4473	.1091	.0763	.....	.....	.....	.....	.2726	1.4023
101	5	.6408	.3600	.1560	.....	.....	.....	.....	.....	.....	.3234	1.4802

TABLE X.—COST OF PRODUCTION OF **LAMP CHIMNEYS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

M.—ELEMENTS OF COST IN SIX DOZEN CHIMNEYS.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Product number.	Establishment number.	Materials.	Labor.	Packing-box.	Officials and clerks.	Supplies and repairs.	Fuel.	Taxes.	Total.
1	5	$0.5920	$1.2303	$0.2100	$0.0896	$0.1729	$0.0806	(a)	$2.3754
2	5	.5920	1.6743	.2100	.0896	.1729	.0806	(a)	2.8194
3	5	.3421	1.0388	.2100	.0517	.0999	.0466	(a)	1.7891
4	5	.3947	.9637	.2100	.0597	.1152	.0538	(a)	1.7971
5	5	.4473	1.1619	.2100	.0677	.1306	.0609	(a)	2.0784
6	1	.0755	1.0080	.1900	.0357	.0254	.0776	$0.0026	1.4148
7	4	.0952	.9388	.1500	.0634	.0362	.0435	.0111	1.3382
8	2	.0988	1.1222	.1400	.0298	.0347	.0861	.0053	1.5169
9	4	.1164	1.0161	.1800	.0775	.0442	.0532	.0136	1.5010
10	3	.2452	1.0703	.2000	.0748	.0568	.0593	.0057	1.7121
11	1	.3280	1.1266	.2200	.0591	.0422	.1287	.0043	1.9089
12	1	.1252	1.1266	.2200	.0591	.0422	.1287	.0043	1.7061
13	4	.2539	1.5987	.3000	.1692	.0964	.1161	.0296	2.5639
14	2	.1213	1.3233	.1800	.0365	.0426	.1057	.0065	1.8159
15	4	.1428	1.1937	.2400	.0952	.0542	.0653	.0167	1.8079
16	1	.3749	1.4023	.2700	.0676	.0482	.1471	.0049	2.3150
17	1	.1431	1.4023	.2700	.0676	.0482	.1471	.0049	2.0832
18	3	.3677	1.3055	.2500	.1122	.0852	.0890	.0085	2.2181
19	4	.3174	2.0778	.3000	.2115	.1206	.1451	.0370	3.2094
20	1	.0715	.9573	.1900	.0338	.0241	.0735	.0025	1.3527
21	5	.3421	.9942	.2100	.0517	.0999	.0466	(a)	1.7445
22	4	.0952	.9388	.1500	.0634	.0362	.0435	.0111	1.3382
23	5	.5920	1.2609	.2100	.0896	.1729	.0806	(a)	2.4060
24	4	.1164	1.0161	.1800	.0775	.0442	.0532	.0136	1.5010
25	2	.0988	1.0767	.1400	.0298	.0347	.0861	.0053	1.4714
26	5	.4473	1.0971	.2400	.0677	.1306	.0609	(a)	2.0436
27	1	.2812	1.0739	.2200	.0507	.0362	.1103	.0037	1.7760
28	1	.1073	1.0739	.2200	.0507	.0362	.1103	.0037	1.6021
29	3	.2452	.9503	.2000	.0748	.0568	.0593	.0057	1.5921
30	5	.7104	1.4783	.2400	.1075	.2074	.0968	(a)	2.8404
31	5	.8288	1.7679	.2400	.1254	.2420	.1129	(a)	3.3170
32	4	.2539	1.5987	.3000	.1692	.0964	.1161	.0296	2.5639
33	2	.1213	1.1973	.1800	.0365	.0426	.1057	.0065	1.6899
34	4	.1428	1.1937	.2400	.0952	.0542	.0653	.0167	1.8079
35	1	.3749	1.2649	.2700	.0676	.0482	.1471	.0049	2.1776
36	1	.1431	1.2649	.2700	.0676	.0482	.1471	.0049	1.9458
37	5	.6841	1.3890	.3000	.1035	.1998	.0932	(a)	2.7696
38	3	.3677	1.1555	.2500	.1122	.0852	.0890	.0085	2.0681
39	5	.9472	1.9647	.3000	.1433	.2766	.1291	(a)	3.7609
40	5	1.0656	2.2859	.3000	.1612	.3112	.1452	(a)	4.2691
41	4	.3174	2.0778	.3000	.2115	.1206	.1451	.0370	3.2094
42	1	.1192	.7446	b.1600	.0563	.0402	.1226	.0041	1.2470
43	1	.1828	.9704	b.1600	.0864	.0616	.1879	.0063	1.6554
44	5	.3947	1.1226	.2100	.0597	.1152	.0538	(a)	1.9560
45	4	.1270	1.1209	.1800	.0846	.0482	.0581	.0148	1.6336
46	1	.2577	1.1797	b.1600	.0464	.0332	.1011	.0034	1.7815
47	1	.0984	1.1797	b.1600	.0464	.0332	.1011	.0034	1.6222
48	5	.5262	1.3720	.2100	.0796	.1537	.0717	(a)	2.4132
49	4	.1904	1.2988	.2400	.1269	.0723	.0871	.0222	2.0377
50	1	.1341	1.4856	b.1600	.0634	.0452	.1379	.0046	2.0308
51	4	.1904	1.5342	.2400	.1269	.0723	.0871	.0222	2.2731
52	5	.9209	1.8298	.3000	.1393	.2689	.1255	(a)	3.5844
53	1	.0934	1.4080	b.1600	.0441	.0315	.0960	.0032	1.8362
54	4	.1270	1.3074	.3000	.0846	.0482	.0581	.0148	1.9401
55	5	.5788	1.4977	.2900	.0876	.1690	.0789	(a)	2.7020
56	1	.3749	1.6393	b.1600	.0676	.0482	.1471	.0049	2.4420
57	1	.1431	1.6393	b.1600	.0676	.0482	.1471	.0049	2.2102
58	5	.6841	1.7178	.4000	.1035	.1998	.0932	(a)	3.1984
59	4	.2222	1.5658	.3000	.1480	.0844	.1016	.0259	2.4479
60	5	.9735	1.3711	.4000	.1473	.2843	.1326	(a)	3.3088
61	5	.6972	1.3456	.3000	.1055	.2036	.0950	(a)	2.7469
62	5	.7016	.8882	.2400	.1061	.2049	.0956	(a)	2.2364
63	5	.8814	1.0844	.2900	.1333	.2574	.1201	(a)	2.7666
64	1	.6248	1.0764	b.1600	.1127	.0804	.2451	.0082	2.3076
65	1	.2385	1.0764	b.1600	.1126	.0804	.2451	.0082	1.9212
66	5	1.2629	1.5770	.4000	.1911	.3688	.1721	(a)	3.9719
67	4	.1904	1.2988	.3000	.1269	.0723	.0871	.0222	2.0977
68	4	.2222	1.4938	.3200	.1480	.0844	.1016	.0259	2.3959
69	1	.5936	1.0537	b.1600	.1070	.0764	.2328	.0078	2.2313
70	1	.2266	1.0536	b.1600	.1070	.0764	.2328	.0078	1.8642

a Taxes not paid by lessees of factory.
b Packed in barrels.

TABLE X.—COST OF PRODUCTION OF **LAMP CHIMNEYS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

M.—ELEMENTS OF COST IN SIX DOZEN CHIMNEYS—Concluded.

[Insurance, interest, depreciation of value of plant, and charges for freight of product to place of free delivery are not included.]

Product number.	Establishment number.	Materials.	Labor.	Packing-box.	Officials and clerks.	Supplies and repairs.	Fuel.	Taxes.	Total.
71	1	$0.0715	$1.0004	$0.1900	$0.0338	$0.0241	$0.0735	$0.0025	$1.3958
72	5	.3421	1.0374	.2100	.0517	.0999	.0466	(a)	1.7877
73	5	.4210	1.1350	.2400	.0637	.1229	.0574	(a)	2.0400
74	1	.2812	1.1370	.2200	.0507	.0362	.1103	.0037	1.8391
75	1	.1073	1.1270	.2200	.0507	.0362	.1103	.0037	1.6652
76	4	.1270	1.0496	.1800	.0846	.0482	.0581	.0148	1.5623
77	5	.5525	1.3845	.2900	.0836	.1613	.0753	(a)	2.5472
78	1	.3749	1.4023	.2700	.0676	.0482	.1471	.0049	2.3150
79	1	.1431	1.4023	.2700	.0676	.0482	.1471	.0049	2.0832
80	5	.8288	1.7299	.2900	.1254	.2420	.1129	(a)	3.3290
81	5	.9209	2.1356	.4000	.1393	.2689	.1255	(a)	3.9902
82	4	.2539	1.8934	.3000	.1692	.0964	.1161	.0296	2.8586
83	1	.7029	1.9107	.3100	.1267	.0905	.2757	.0093	3.4258
84	1	.2683	1.9106	.3100	.1267	.0905	.2757	.0093	2.9911
85	1	.0934	1.4080	b.1600	.0441	.0315	.0960	.0032	1.8362
86	4	.1587	1.3391	.1800	.1057	.0603	.0726	.0185	1.9349
87	1	.3749	1.6393	b.1600	.0676	.0482	.1471	.0049	2.4420
88	1	.1431	1.6393	b.1600	.0676	.0482	.1471	.0049	2.2102
89	4	.1904	1.5342	.2400	.1269	.0723	.0871	.0222	2.2731
90	4	.3809	2.6479	.5800	.2537	.1447	.1742	.0444	4.2258
91	1	.9373	3.0477	b.4800	.1689	.1206	.3676	.0124	5.1345
92	1	.3577	3.0477	b.4800	.1690	.1206	.3676	.0124	4.5550
93	4	.0952	.9676	.1500	.0834	.0362	.0435	.0111	1.3870
94	4	.1270	1.0777	.1800	.0846	.0482	.0581	.0148	1.5904
95	4	.1904	1.3304	.3000	.1269	.0723	.0871	.0222	2.1293
96	5	.3157	1.0349	.2100	.0478	.0922	.0430	(a)	1.7436
97	1	.0755	1.0080	.1900	.0357	.0254	.0776	.0026	1.4148
98	5	.4473	1.1757	.2400	.0677	.1306	.0609	(a)	2.1222
99	1	.1252	1.1266	.2200	.0591	.0422	.1287	.0043	1.7061
100	1	.1431	1.4023	.2700	.0676	.0482	.1471	.0049	2.0832
101	5	.6841	1.4802	.2900	.1035	.1998	.0932	(a)	2.8508

a Taxes not paid by lessees of factory.
b Packed in barrels.

TABLE X.—COST OF PRODUCTION OF **LAMP CHIMNEYS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

N.—SUMMARY OF COST OF SIX DOZEN CHIMNEYS.

[This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
1	5	$0.5920	24.92	$1.2303	51.79	$0.5531	23.29	$2.3754	100
2	5	.5920	21.00	1.6743	59.38	.5531	19.62	2.8194	100
3	5	.3421	19.12	1.0388	58.06	.4082	22.82	1.7891	100
4	5	.3947	21.96	.9637	53.63	.4387	24.41	1.7971	100
5	5	.4473	21.52	1.1619	55.90	.4692	22.58	2.0784	100
6	1	.0755	5.33	1.0080	71.25	.3313	23.42	1.4148	100
7	4	.0952	7.12	.9388	70.15	.3042	22.73	1.3382	100
8	2	.0988	6.51	1.1222	73.98	.2959	19.51	1.5169	100
9	4	.1164	7.75	1.0161	67.70	.3685	24.55	1.5010	100
10	3	.2452	14.32	1.0703	62.51	.3966	23.17	1.7121	100
11	1	.3280	17.18	1.1266	59.02	.4543	23.80	1.9089	100
12	1	.1252	7.34	1.1266	66.03	.4543	26.63	1.7061	100
13	4	.2539	9.90	1.5987	62.36	.7113	27.74	2.5639	100
14	2	.1213	6.68	1.3233	72.87	.3713	20.45	1.8159	100
15	4	.1428	7.90	1.1937	66.03	.4714	26.07	1.8079	100
16	1	.3749	16.19	1.4023	60.58	.5378	23.23	2.3150	100
17	1	.1431	6.87	1.4023	67.31	.5378	25.82	2.0832	100
18	3	.3677	16.58	1.3055	58.86	.5449	24.56	2.2181	100
19	4	.3174	9.89	2.0778	64.74	.8142	25.37	3.2094	100
20	1	.0715	5.29	.9573	70.77	.3239	23.94	1.3527	100
21	5	.3421	19.61	.9942	56.99	.4082	23.40	1.7445	100
22	4	.0952	7.12	.9388	70.15	.3042	22.73	1.3382	100
23	5	.5920	24.60	1.2609	52.41	.5531	22.99	2.4060	100
24	4	.1164	7.75	1.0161	67.70	.3685	24.55	1.5010	100
25	2	.0988	6.71	1.0767	73.18	.2959	20.11	1.4714	100
26	5	.4473	21.89	1.0971	53.68	.4992	24.43	2.0436	100
27	1	.2812	15.83	1.0739	60.47	.4209	23.70	1.7760	100
28	1	.1073	6.70	1.0739	67.03	.4209	26.27	1.6021	100
29	3	.2452	15.40	.9503	59.69	.3966	24.91	1.5921	100
30	5	.7104	25.01	1.4783	52.05	.6517	22.94	2.8404	100
31	5	.8288	24.99	1.7679	53.30	.7203	21.71	3.3170	100
32	4	.2539	9.90	1.5987	62.36	.7113	27.74	2.5639	100
33	2	.1213	7.18	1.1973	70.85	.3713	21.97	1.6899	100
34	4	.1428	7.90	1.1937	66.03	.4714	26.07	1.8079	100
35	1	.3749	17.21	1.2649	58.09	.5378	24.70	2.1776	100
36	1	.1431	7.35	1.2649	65.01	.5378	27.64	1.9458	100
37	5	.6841	24.70	1.3890	50.15	.6965	25.15	2.7696	100
38	3	.3677	17.78	1.1555	55.87	.5449	26.35	2.0681	100
39	5	.9472	25.19	1.9647	52.24	.8490	22.57	3.7609	100
40	5	1.0656	24.96	2.2859	53.55	.9176	21.49	4.2691	100
41	4	.3174	9.89	2.0778	64.74	.8142	25.37	3.2094	100
42	1	.1192	9.56	.7446	59.71	.3832	30.73	1.2470	100
43	1	.1828	11.04	.9704	58.62	.5022	30.34	1.6554	100
44	5	.3947	20.18	1.1226	57.39	.4387	22.43	1.9560	100
45	4	.1270	7.77	1.1209	68.62	.3857	23.61	1.6336	100
46	1	.2577	14.47	1.1797	66.22	.3441	19.31	1.7815	100
47	1	.0984	6.07	1.1797	72.72	.3441	21.21	1.6222	100
48	5	.5262	21.81	1.3720	56.85	.5150	21.34	2.4132	100
49	4	.1904	9.34	1.2988	63.74	.5485	26.92	2.0377	100
50	1	.1341	6.60	1.4856	73.16	.4111	20.24	2.0308	100
51	4	.1904	8.38	1.5342	67.49	.5485	24.13	2.2731	100
52	5	.9209	25.69	1.8298	51.05	.8337	23.26	3.5844	100
53	1	.0934	5.09	1.4080	76.68	.3348	18.23	1.8362	100
54	4	.1270	6.55	1.3074	67.39	.5057	26.06	1.9401	100
55	5	.5788	21.42	1.4977	55.43	.6255	23.15	2.7020	100
56	1	.3749	15.35	1.6393	67.13	.4278	17.52	2.4420	100
57	1	.1431	6.47	1.6393	74.17	.4278	19.36	2.2102	100
58	5	.6841	21.39	1.7178	53.71	.7965	24.90	3.1984	100
59	4	.2222	9.08	1.5658	63.96	.6599	26.96	2.4479	100
60	5	.9735	29.42	1.3711	41.44	.9642	29.14	3.3088	100
61	5	.6972	25.38	1.3456	48.99	.7041	25.63	2.7469	100
62	5	.7016	31.37	.8882	39.72	.6466	28.91	2.2364	100
63	5	.8814	31.86	1.0844	39.20	.8008	28.94	2.7666	100
64	1	.6248	27.07	1.0764	46.65	.6064	26.28	2.3076	100
65	1	.2385	12.41	1.0764	56.03	.6063	31.56	1.9212	100
66	5	1.2629	31.80	1.5770	39.70	1.1320	28.50	3.9719	100
67	4	.1904	9.08	1.2988	61.91	.6085	29.01	2.0977	100
68	4	.2222	9.27	1.4938	62.35	.6799	28.38	2.3959	100
69	1	.5936	26.60	1.0537	47.23	.5840	26.17	2.2313	100
70	1	.2266	12.15	1.0536	56.52	.5840	31.33	1.8642	100
71	1	.0715	5.12	1.0004	71.67	.3239	23.21	1.3958	100

TABLE X.—COST OF PRODUCTION OF **LAMP CHIMNEYS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

N.—SUMMARY OF COST OF SIX DOZEN CHIMNEYS—Concluded.

[This sub-table is based on the preceding one, and to avoid duplicating the footnotes, which would be the same in substance, they are here omitted, and the reader is referred to that sub-table for such information as is furnished there.]

Product number.	Establishment number.	Materials.		Labor.		All other items.		Total.	
		Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.	Cost.	Per cent.
72	5	$0.3421	19.14	$1.0374	58.03	$0.4082	22.83	$1.7877	100
73	5	.4210	20.64	1.1350	55.64	.4840	23.72	2.0400	100
74	1	.2812	15.29	1.1370	61.82	.4209	22.89	1.8391	100
75	1	.1073	6.44	1.1370	68.28	.4209	25.28	1.6652	100
76	4	.1270	8.13	1.0496	67.18	.3857	24.69	1.5623	100
77	5	.5525	21.69	1.3845	54.35	.6102	23.96	2.5472	100
78	1	.3749	16.19	1.4023	60.58	.5378	23.23	2.3150	100
79	1	.1431	6.87	1.4023	67.31	.5378	25.82	2.0832	100
80	5	.8288	24.90	1.7299	51.96	.7703	23.14	3.3290	100
81	5	.9209	23.08	2.1356	53.52	.9337	23.40	3.9902	100
82	4	.2539	8.88	1.8934	66.24	.7113	24.88	2.8586	100
83	1	.7029	20.52	1.9107	55.77	.8122	23.71	3.4258	100
84	1	.2683	8.97	1.9106	63.88	.8122	27.15	2.9911	100
85	1	.0934	5.09	1.4080	76.68	.3348	18.23	1.8362	100
86	4	.1587	8.20	1.3391	69.21	.4371	22.59	1.9349	100
87	1	.3749	15.35	1.6393	67.13	.4278	17.52	2.4420	100
88	1	.1431	6.47	1.6393	74.17	.4278	19.36	2.2102	100
89	4	.1904	8.38	1.5342	67.49	.5485	24.13	2.2731	100
90	4	.3809	9.01	2.6479	62.66	1.1970	28.33	4.2258	100
91	1	.9373	18.25	3.0477	59.36	1.1495	22.39	5.1345	100
92	1	.3577	7.85	3.0477	66.91	1.1496	25.24	4.5550	100
93	4	.0952	6.97	.9676	70.78	.3042	22.25	1.3670	100
94	4	.1270	7.99	1.0777	67.76	.3857	24.25	1.5904	100
95	4	.1904	8.94	1.3304	62.48	.6085	28.58	2.1293	100
96	5	.3157	18.11	1.0349	59.35	.3930	22.54	1.7436	100
97	1	.0755	5.33	1.0080	71.25	.3313	23.42	1.4148	100
98	5	.4473	21.08	1.1757	55.40	.4992	23.52	2.1222	100
99	1	.1252	7.34	1.1266	66.03	.4543	26.63	1.7061	100
100	1	.1431	6.87	1.4023	67.31	.5378	25.82	2.0832	100
101	5	.6841	24.00	1.4802	51.92	.6865	24.08	2.8508	100

TABLE X.—COST OF PRODUCTION OF **LAMP CHIMNEYS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Continued.

O.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN SIX DOZEN CHIMNEYS.

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
1	5	$0.0047	*a* $0.0863		*a* $0.0910
2	5	.0047	*a* .0863		*a* .0910
3	5	.0027	*a* .0499		*a* .0526
4	5	.0031	*a* .0575		*a* .0606
5	5	.0036	*a* .0651		*a* .0687
6	1	.0043			.0043
7	4	.0163			.0163
8	2	.0074	.0010		.0084
9	4	.0199			.0199
10	3	.0093			.0093
11	1	.0071			.0071
12	1	.0071			.0071
13	4	.0435			.0435
14	2	.0091	.0012		.0103
15	4	.0245			.0245
16	1	.0081			.0081
17	1	.0081			.0081
18	3	.0139			.0139
19	4	.0544			.0544
20	1	.0041			.0041
21	5	.0027	*a* .0499		*a* .0526
22	4	.0163			.0163
23	5	.0047	*a* .0863		*a* .0910
24	4	.0199			.0199
25	2	.0074	.0010		.0084
26	5	.0036	*a* .0651		*a* .0687
27	1	.0061			.0061
28	1	.0061			.0061
29	3	.0093			.0093
30	5	.0056	*a* .1035		*a* .1091
31	5	.0066	*a* .1207		*a* .1273
32	4	.0435			.0435
33	2	.0091	.0012		.0103
34	4	.0245			.0245
35	1	.0081			.0081
36	1	.0081			.0081
37	5	.0054	*a* .0997		*a* .1051
38	3	.0139			.0139
39	5	.0075	*a* .1380		*a* .1455
40	5	.0085	*a* .1552		*a* .1637
41	4	.0544			.0544
42	1	.0063			.0063
43	1	.0104			.0104
44	5	.0031	*a* .0575		*a* .0606
45	4	.0218			.0218
46	1	.0056			.0056
47	1	.0056			.0056
48	5	.0012	*a* .0766		*a* .0858
49	4	.0326			.0326
50	1	.0076			.0076
51	4	.0326			.0326
52	5	.0073	*a* .1342		*a* .1415
53	1	.0053			.0053
54	4	.0218			.0218
55	5	.0046	*a* .0843		*a* .0889
56	1	.0081			.0081
57	1	.0081			.0081
58	5	.0054	*a* .0997		*a* .1051
59	4	.0381			.0381
60	5	.0078	*a* .1418		*a* .1496
61	5	.0055	*a* .1016		*a* .1071
62	5	.0056	*a* .1022		*a* .1078
63	5	.0070	*a* .1284		*a* .1354
64	1	.0135			.0135
65	1	.0135			.0135
66	5	.0100	*a* .1840		*a* .1940
67	4	.0326			.0326
68	4	.0381			.0381
69	1	.0128			.0128
70	1	.0128			.0128

a Including rent as follows: Product numbers 1, 2, and 23, $0.0706; numbers 3 and 21, $0.0408; numbers 4 and 41, $0.0470; numbers 5 and 26, $0.0533; number 30, $0.0847; number 31, $0.0988; number 37, $0.0816; number 39, $0.1129; number 40, $0.1270; number 48, $0.0627; number 52, $0.1098; number 55, $0.0699; number 58, $0.0816; number 60, $0.1160; number 61, $0.0831; number 62, $0.0836; number 63, $0.1051; number 66, $0.1505.

TABLE X.—COST OF PRODUCTION OF **LAMP CHIMNEYS** AT VARIOUS ESTABLISHMENTS IN THE UNITED STATES—Concluded.

O.—ADDITIONAL COST OF CERTAIN THEORETICAL ELEMENTS IN SIX DOZEN CHIMNEYS—Concluded.

Product number.	Establishment number.	Insurance.	Interest.	Depreciation of value of plant.	Total.
71	1	$0.0041			$0.0041
72	5	.0027	*a* $0.0499		*a* .0526
73	5	.0033	*a* .0614		*a* .0647
74	1	.0061			.0061
75	1	.0061			.0061
76	4	.0218			.0218
77	5	.0044	*a* .0805		*a* .0849
78	1	.0081			.0081
79	1	.0081			.0081
80	5	.0066	*a* .1207		*a* .1273
81	5	.0073	*a* .1342		*a* .1415
82	4	.0435			.0435
83	1	.0152			.0152
84	1	.0152			.0152
85	1	.0053			.0053
86	4	.0272			.0272
87	1	.0081			.0081
88	1	.0081			.0081
89	4	.0326			.0326
90	4	.0653			.0653
91	1	.0203			.0203
92	1	.0203			.0203
93	4	.0163			.0163
94	4	.0218			.0218
95	4	.0326			.0326
96	5	.0025	*a* .0460		*a* .0485
97	1	.0043			.0043
98	5	.0036	*a* .0651		*a* .0687
99	1	.0071			.0071
100	1	.0081			.0081
101	5	.0054	*a* .0997		*a* .1051

a Including rent as follows: Product number 72, $0.0408; number 73, $0.0502; number 77, $0.0659; number 80, $0.0988; number 81, $0.1098; number 96, $0.0376; number 98, $0.0533; number 101, $0.0816.

PART II.

WAGES: TIME AND EARNINGS.

WAGES: TIME AND EARNINGS.

Part II deals with the wages paid in some of the establishments covered in Part I. Specifically, the tables are six in number, running from Table XI to Table XVI, inclusive, with various subdivisions under each, and they relate to time employed and the earnings secured in producing the articles enumerated under cost of production.

The number of establishments from which the data relative to the cost of production were derived, as given in Part I, is 278; but copies of the payrolls were secured in only 125 cases, and upon these payrolls the tables of this part are based. The following statement shows the distribution of the 125 establishments as to industries and localities:

NUMBER OF ESTABLISHMENTS TABULATED IN TIME AND EARNINGS.

Industry and locality.	Establishments tabulated.
COTTON TEXTILES:	
Northern district of the United States	22
Southern district of the United States	16
Continent of Europe	5
Great Britain	2
Total	45
COTTON YARNS:	
Northern district of the United States	2
Southern district of the United States	3
Continent of Europe	3
Great Britain	7
Total	15
WOOLLEN AND WORSTED TEXTILES:	
United States	21
Continent of Europe	2
Total	23
LINEN TEXTILES:	
Continent of Europe	1
LINEN YARNS:	
Continent of Europe	1
SILK TEXTILES:	
Continent of Europe	1
WINDOW GLASS:	
United States	15
Continent of Europe	1
Total	16
GREEN GLASS BOTTLES:	
United States	14
FLINT GLASS BOTTLES:	
United States	4
LAMP CHIMNEYS:	
United States	5
All industries	125

The last three tables in the series in this part are based not only upon the payrolls secured in the industries comprehended in Part I, but also upon the tables of time and earnings for the industries comprehended in the Sixth Annual Report of the Commissioner of Labor, relating to iron and steel and cognate industries, the facts from Part II of that report being brought into comparison with the facts relating to wages in the textile and glass industries.

The six tables referred to, with the various sub-divisions under each, are designated in the following list:

TABLE XI.—*Actual and Theoretical Time and Earnings.*

A.—Cotton textiles—northern district of the United States.
B.—Cotton textiles—southern district of the United States.
C.—Cotton textiles—continent of Europe.
D.—Cotton textiles—Great Britain.
E.—Cotton yarns—northern district of the United States.
F.—Cotton yarns—southern district of the United States.
G.—Cotton yarns—continent of Europe.
H.—Cotton yarns—Great Britain.
J.—Woollen and worsted textiles—United States.
K.—Woollen and worsted textiles—continent of Europe.
L.—Linen textiles—continent of Europe.
M.—Linen yarns—continent of Europe.
N.—Silk textiles—continent of Europe.
O.—Window glass—United States.
P.—Window glass—continent of Europe.
Q.—Green glass bottles—United States.
R.—Flint glass bottles—United States.
S.—Lamp chimneys—United States.

TABLE XII.—*Summary of Actual and Theoretical Time and Earnings, by Occupations.*

A.—Cotton, woollen, linen, and silk.
B.—Glass.

TABLE XIII.—*Summary of Actual and Theoretical Time and Earnings, by Industries.*

A.—Cotton textiles.
B.—Cotton yarns.
C.—Woollen and worsted textiles.
D.—Linen textiles.
E.—Linen yarns.
F.—Silk textiles.
G.—Window glass.
H.—Green glass bottles.
J.—Flint glass bottles.
K.—Lamp chimneys.

TABLE XIV.—*Actual and Theoretical Time and Earnings in Various Establishments in the United States, Reduced to the Uniform Basis of One Year.*

A.—Pig iron.
B.—Muck bar iron.
C.—Finished bar iron.
D.—Steel ingots.
E.—Steel billets.
F.—Steel blooms.

TABLE XIV.—*Actual and Theoretical Time and Earnings in Various Establishments in the United States, Reduced to the Uniform Basis of One Year—Concluded.*

G.—Mixed iron and steel.
H.—Bituminous coal.
J.—Coke.
K.—Iron ore.
L.—Cotton and woollen goods.
M.—Glass.

TABLE XV.—*Number of Employés in Various Establishments in the United States, by Occupations and Groups of Rates.*

A.—Pig iron.
B.—Muck bar iron.
C.—Finished bar iron.
D.—Steel ingots.
E.—Steel billets.
F.—Steel blooms.
G.—Mixed iron and steel.
H.—Bituminous coal.
J.—Coke.
K.—Iron ore.
L.—Cotton and woollen goods.
M.—Glass.

TABLE XVI.—*Number and Per Cent. of Employés in Various Establishments in the United States, by Groups of Rates.*

In Tables XI, XII, and XIII the establishment numbers refer to the same establishment numbers given for the cost of production in Part I. This arrangement is essential for the purpose of a full knowledge of the elements of production; as, for instance, one studying the tables in Part I, as they relate to establishment No. 22 in the cost of producing cotton goods, can, by consulting establishment No. 22 in this Part, ascertain the composition of the force employed and all the elements relating to the time and earnings of the employés. There will be found at times, however, when consulting the wages side in comparison with the cost of production side, a difference between the amounts paid for labor as shown in the tabulations in Part I as to cost of production and the wages tabulation in Part II. These differences, however, are comparatively small, and are explainable by the fact that there is considerable irregular labor employed in all factories, such as cleaning out waste, etc., which is let by contract, the laborers employed not appearing on the factory rolls of the regular employés engaged in the production of goods. In such cases the labor cost as shown by the wages tabulation is never so large as that shown in the cost of production tabulation, which includes all amounts paid out for different purposes. An example of this difference is shown in the case of establishment No. 22, a cotton factory, where the amount paid for labor in the cost of production is given as $535,657; but in the wages tabulation the footing is $524,250, a difference of $11,407. This comparatively small amount was probably paid for miscellaneous labor, done by contract or otherwise, and not directly important in the production of goods. This has proved to be the fact wherever an attempt has been made to reconcile the difference. Again,

it frequently happens that repairs are undertaken at the factory, and the men employed on such work are paid in the same manner as regular productive employés, their names appearing on the payrolls, with the amounts paid to them. It has often been found in such cases quite impossible to separate these men and the amounts paid them for this work from the regular employés and the amounts paid them in production; consequently the amounts in the wages tabulation exceed the amounts in the cost of production tabulation, because the amounts paid for repairs appear properly in the latter tabulation under "Repairs" and not under "Labor cost." These amounts, too, are generally very small, separate accounts being kept in case of extensive repairs, and do not therefore affect the specific results aimed at.

The great difficulties experienced in securing wage statistics were fully pointed out in the Sixth Annual Report, Part II, to which reference is made. The difficulties then experienced were of course experienced in securing wages paid in the industries involved in this report, but with a variation of character of difficulty as the conditions of production vary in different industries. A single illustration relating to weavers will answer every purpose of showing the difficulties in the textile industries, the facts having been obtained from a large textile factory in the eastern states. These are shown in a series of statements of wages paid and the number of weavers receiving the wages stated when running a different number of looms and when working on different grades of goods:

VARYING DAILY EARNINGS OF PRINT WEAVERS.

[These employés were engaged in producing the same kind of cloth, and were paid at the same rate per cut, with the differing results in daily earnings shown in the table.]

Weavers.	Earnings.	Weavers.	Earnings.	Weavers.	Earnings.	Weavers.	Earnings.
Four looms:		Five looms—Concluded.		Six looms—Continued.		Six looms—Concluded.	
1	$0.60	3	$0.91	7	$0.98	1	$1.27
2	.61	1	.93	2	.99	1	1.40
1	.64	1	.97	12	1.00	Seven looms:	
1	.65	1	.98	8	1.01	1	1.13
1	.68	Six looms:		2	1.02	Eight looms:	
1	.69	1	.58	6	1.03	1	1.12
1	.72	1	.62	5	1.04	1	1.13
1	.73	2	.81	4	1.05	1	1.26
1	.74	1	.84	3	1.06	1	1.29
2	.79	1	.85	6	1.07	1	1.30
1	.80	1	.86	5	1.08	1	1.32
1	.81	1	.87	4	1.09	1	1.35
1	.90	2	.89	7	1.10	2	1.37
Five looms:		6	.90	4	1.11	1	1.39
1	.73	4	.91	3	1.12	1	1.42
1	.77	2	.92	2	1.13	1	1.43
2	.78	2	.93	5	1.14	1	1.47
1	.82	4	.94	1	1.17	1	1.48
1	.86	1	.95	1	1.19	4	1.49
2	.88	3	.96	1	1.24		
1	.89	3	.97	1	1.26		
2	.90						

SUMMARY OF PRINT WEAVERS.

15 four-loom weavers earning an average of $0.72 per day.
17 five-loom weavers earning an average of $0.87 per day.
126 six-loom weavers earning an average of $1.02 per day.
1 seven-loom weaver earning an average of $1.13 per day.
18 eight-loom weavers earning an average of $1.37 per day.
Total, 177 weavers earning an average of $1.01 per day.

VARYING DAILY EARNINGS OF C. D. WEAVERS.

[These employés were engaged in producing the same kind of cloth, and were paid at the same rate per cut, with the differing results in daily earnings shown in the table.]

Weavers.	Earnings.	Weavers.	Earnings.	Weavers.	Earnings.	Weavers.	Earnings.
Two looms:		Four looms—Continued.		Four looms—Concluded.		Five looms:	
1	$0.52	2	$1.10	5	$1.21	1	$1.31
Three looms:		4	1.11	11	1.22	1	1.35
1	.82	3	1.12	2	1.23	1	1.42
Four looms:		8	1.13	3	1.24	1	1.45
1	.90	1	1.14	1	1.25	1	1.48
1	.95	17	1.15	1	1.26	1	1.49
1	1.02	5	1.16	2	1.27	1	1.51
1	1.03	12	1.17	2	1.28	1	1.53
1	1.04	7	1.18	1	1.29	1	1.58
2	1.05	16	1.19	1	1.30	1	1.60
1	1.07	8	1.20	1	1.33		
1	1.08						
5	1.09						

SUMMARY OF C. D. WEAVERS.

1 two-loom weaver earning an average of $0.52 per day.
1 three-loom weaver earning an average of $0.82 per day.
127 four-loom weavers earning an average of $1.17 per day.
10 five-loom weavers earning an average of $1.47 per day.
Total, 139 weavers earning an average of $1.18 per day.

VARYING DAILY EARNINGS OF MOMIE WEAVERS.

[These employés were engaged in producing the same kind of cloth, and were paid at the same rate per cut, with the differing results in daily earnings shown in the table.]

Weavers.	Earnings.	Weavers.	Earnings.	Weavers.	Earnings.	Weavers.	Earnings.
Two looms:		Five looms:		Five looms—Continued.		Five looms—Concluded.	
1	$0.29	1	$0.99	3	$1.14	3	$1.22
1	.44	1	1.02	1	1.15	1	1.23
1	.47	1	1.05	3	1.16	3	1.24
1	.56	1	1.06	1	1.17	3	1.25
Three looms:		2	1.08	4	1.18	1	1.27
1	.72	3	1.09	5	1.19	1	1.29
Four looms:		3	1.11	4	1.21		
1	1.08	2	1.13				

SUMMARY OF MOMIE WEAVERS.

4 two-loom weavers earning an average of $0.44 per day.
1 three-loom weaver earning an average of $0.72 per day.
1 four-loom weaver earning an average of $1.08 per day.
47 five-loom weavers earning an average of $1.17 per day.
Total, 53 weavers earning an average of $1.10 per day.

VARYING DAILY EARNINGS OF MIXED WEAVERS.

[These employés were engaged in producing the same kind of cloth, and were paid at the same rate per cut, with the differing results in daily earnings shown in the table.]

Weavers.	Earnings.	Weavers.	Earnings.	Weavers.	Earnings.
Two M. or three C. D. looms:		Five M. or four C. D. looms—Concluded.		Four looms—Concluded.	
1	$0.74	1	$1.25	1	$1.18
Five M. or four C. D. looms:		1	1.27	1	1.21
2	1.05	1	1.32	Five looms:	
4	1.09	1	1.39	1	1.08
1	1.11	Four looms:		1	1.10
2	1.14	1	0.58	1	1.19
1	1.17	1	1.11	Six looms:	
1	1.24	1	1.14	1	1.37
		1	1.16	1	1.39

SUMMARY OF MIXED WEAVERS.

1 two M. or three C. D. loom weavers earning an average of $0.74 per day.
15 five M. or four C. D. loom weavers earning an average of $1.17 per day.
6 four-loom weavers earning an average of $1.06 per day.
3 five-loom weavers earning an average of $1.12 per day.
2 six-loom weavers earning an average of $1.38 per day.
Total, 27 weavers earning an average of $1.14 per day.

A summary of earnings of all weavers in the above factory for four weeks' time results in the following table:

SUMMARY OF EARNINGS OF WEAVERS FOR FOUR WEEKS (FULL TIME).

Earnings per week.	Weavers.	Average earnings per week.
Under $5	90	$4.26
$5 and under $6	148	5.54
$6 and under $7	223	6.44
$7 and under $8	129	7.42
$8 and under $9	69	8.33
$9 and under $10	20	9.24
$10 and under $11	6	10.34
$11 and under $12	1	11.75
$12 and over	1	12.12
Total	687	6.46

From this table we find that there were 687 weavers working full time and earning on an average $6.46 per week. The bulk of the weavers, 223 in number, earned from $6 to $7, or an average of $6.44. In this case the average wages paid, as stated, does not mean what the weavers can earn, but what they do earn; for instance, the price per cut paid for print cloths is the same to all weavers, and yet they earn from 60 cents a day each up to $1.49 a day, according to their skill and industry. Every weaver employed could have earned $1.49 a day if he had known as much and worked as well as those who did earn that amount. Every weaver in the factory was allowed just as good a chance as every other weaver, and the difference in earnings was the measure of the capacity of the weaver.

The principle involved in the foregoing statement applies also in the glass industry, and the condition of things relating to earnings in the two great industries in this report, the textiles and glass, renders it quite impossible to ascertain the efficiency of labor; as, for instance, in the cotton industry the efficiency depends upon so many varying elements, such as the quality of the raw material used, the speed of the machinery, and other features, that it is not possible to consider efficiency without a further and much more searching inquiry than it was possible to make in this investigation. The Department has already commenced such inquiry, and it hopes in some future report to pay special attention to the scientific features of the efficiency of labor, which will enable the student to judge not only what the variation in efficiency between different localities is, but why it exists.

Table XI is a table of details, giving the facts for each establishment separately through the several industries comprehended, and needs but little explanation. As already stated, the establishment numbers refer to establishments of the same number in Part I, relating to cost of production. The numbers not used in this part are of course those of the establishments for which copies of payrolls were not secured. Under "working days in the period" appears the number of possible working days during the whole period for each class of employés. This period may

exceed the number of days of actual running time for the establishment, and must always do so when during that period the establishment has been temporarily closed. In different industries these possible working days may differ, although the period of time may be the same. In the column showing the "actual condition for the period" the actual results are given as taken from the payrolls. The last two columns of the table do not present actual conditions but theoretical ones. The first of these two columns shows the number of employés that would be necessary (oftentimes a mathematical fractional number of men being given), working continuously through the period, to perform the actual days of work given, and the second shows the consequent average earnings for the period of one such employé. The essential object of the comparison is to show the great difference between the actual force and the necessary force in establishments, and between what men are actually paid during a fixed time and what they are theoretically supposed to have gained when only their daily rate of pay is considered.

The second table, Table XII, gives a summary of the facts brought out in Table XI, by occupations, and this is the table from which practical comparison by occupations can be made. An analytical illustration will serve to explain the whole table. On the first page of the table we find that back boys in establishment No. 1, which is a cotton textile factory, situated in the northern district of the United States, working 156 days, received as their actual daily earnings, or the rate nearest to the average daily earnings, 46 cents; that the number of different back boys employed in this establishment was 14, working an average of 96 days each in the period of 156 days, and earning an average of $44 each. Had 8.65 back boys been employed during the whole period they would have earned $72 each instead of $44 on the actual basis. Looking at establishment No. 28, a cotton yarn mill in Great Britain, working a like period of 156 days, with the actual daily earnings or the rate nearest to average daily earnings, the boys were paid 20½ cents per day and worked an average of 75 days in the period, earning an average of $15 each for the time worked. The whole number of different back boys employed was 20, with the foregoing results. Had 9.65 boys been employed for the whole period of 156 days they would have performed the same labor and earned $32 each. In this way comparisons can be made for all the occupations under the different industries comprehended in this part, the table itself being the best analysis of the facts.

Table XIII is a summary of actual and theoretical time and earnings as shown by industries. Taking establishment No. 3, as shown on the first page of Table XIII (this establishment showing more complete facts than No. 1, and being situated in the northern district of the United States), we find that 380 different persons were employed during the period of 6 months. Their average daily earnings were $1.17½, but the average days of work performed by each were 85, and

the average total earnings $100. Two hundred and seven and nine-hundredths employés, working the whole period, instead of 380 different employés working on an average 85 days each, would have performed the same labor, accomplishing the same results, and would have been paid $184 each for the 6 months. Taking a cotton textile factory in the southern district of the United States, running 6 months, and being establishment No. 59 in Table XIII, we find that 275 different employés, earning 78½ cents a day each, were employed on an average 92 days each out of the period and earned for the total time employed $72 each. Had 161.33 employés, instead of 275, been employed steadily through the whole period, they would have accomplished the same results that were accomplished by the 275 different employés, and would have earned $123 each instead of $72. The comparison of an establishment on the continent of Europe, being No. 71, running for one year, shows 391 individual employés, who earned on an average 49 cents a day and worked 246 days out of the year, their average earnings for the period being $121. Had 307.54 employés worked steadily, instead of 391, they would have earned $153 per year each.

Perhaps a better comparison can be made under cotton yarns, subdivision B, Table XIII, because like periods are given in a cotton yarn establishment in the northern district of the United States, in the southern district of the United States, and in Great Britain, with all the elements fairly well stated. Taking up an establishment in the northern district of the United States, we find that 388 different employés earned on an average $1.02 each per day, but worked only 79 days out of the 6 months, their average earnings being for that time $80 per capita. Had 195.79 employés worked the whole 6 months steadily, they would have produced like results and have received $159 each during the period. In the southern district of the United States, in establishment No. 10 working 6 months, 347 employés earning 69½ cents each per day, worked on an average 54 days, earning $38 each during the time worked. Now, 119.83 employés, working the full period in this establishment, would have earned $109 each in the 6 months. Looking at establishment No. 28 in Great Britain, cotton yarns, which worked 6 months, we find there were 308 different employés, earning 66 cents a day on the average and working on an average 131 days out of the period, earning thereby $86. The work they accomplished could have been done by 257.93 employés instead of 308, and they would have earned $103 each instead of $86. For the three establishments the direct comparison, then, is as follows: Taking all the employés in each establishment, they earned in the establishment in the northern district of the United States, $1.02 per day each; in the establishment in the southern district of the United States, 69½ cents each; and in the British establishment, 66 cents each. On full time, each employé in the establishments named could have earned, in the one in the northern district of the United States, $159, during the

six months; in the one in the southern district of the United States, $109; and in the one in Great Britain, $103.

Tables XIV, XV, and XVI have been introduced solely for the purpose of comparison. The form of presenting wages by the different employés involved, the average daily rate paid, the total number of days employed, the total earnings, the average number of days employed, the average annual earnings, and the condition if the necessary positions were filled continuously by the same employés during a whole working year, was first adopted in the Fifth Annual Report of the Commissioner of Labor relating to railroad labor. This form of presentation was the result of an effort to present wages in complete detail by individuals and thus avoid the ordinary results of averages. One of the interesting and valuable features resulting from the presentation related to the distribution of labor, showing the great variation between the number of men actually employed during a year or a given period, as individuals, and the number of men which would have been necessary to accomplish the same results provided full time was worked by each. This form of presentation was followed in the Sixth Annual Report, relating to iron and steel, and has been brought into this report relating to textiles and glass; but in this case Tables XIV, XV, and XVI comprehend not only the time and earnings in various establishments in the United States, reduced to the uniform basis of one year by occupations and groups of rates, and the number and percentage of employés in such establishments by groups of rates for the textile and glass industries, but also for the iron and cognate industries, as reported in the Sixth Annual Report. Table XIV shows the actual and theoretical time and earnings of employés in various industries in the United States, reduced to the uniform basis of one year, for those engaged in producing pig iron, muck bar iron, finished bar iron, steel ingots, steel billets, steel blooms, mixed iron and steel, bituminous coal, coke, iron ore, cotton and woollen goods, and glass. In Tables XII of the Sixth Annual Report and XI of this, the Seventh, it will be noticed that the period for which the time and earnings were taken varied greatly for different establishments, some being taken for a year, while others were taken for various shorter periods. Except for daily rates of pay or average daily earnings, it is manifest that it was impossible to compare the occupations in the various industries with each other. To obviate this difficulty the time for the occupations in all establishments has been reduced to the uniform basis of one year and the total given for each occupation. This renders it possible to make comparisons both as to average yearly earnings and average days employed per year, and also as to the theoretical condition of the employés in the various occupations and industries; that is to say, the condition which would result if full time was worked on the basis of the actual time given. It should be remembered, however, that Tables XIV, XV, and XVI are theoretically constructed, for they are based on

the assumption that the various shorter periods reported for the different establishments which have been reduced to a uniform basis of one year are fairly representative of the work of the whole year. In these tables piece workers whose time could not be ascertained have, of course, been excluded.

The comparisons under Tables XIV and XV should be made in the same way as the comparisons that have been described under Tables XII and XIII.

Under Table XV comparisons as to the number of employés in the various industries in the United States represented in Table XIV, and classified by occupations and groups of daily rates of pay, each group having a range of 20 cents, can easily and readily be made. This table shows the concentration in different industries upon different daily rates, and enables one to ascertain where the greater numbers in the different industries are employed; as, for instance, on the first page of Table XV we find that under the occupation of carpenters there were 40 carpenters employed in 17 pig iron establishments, their daily rates ranging from $1.21 to $2.80, but a large proportion of these, 16 out of the 40, were paid at a rate ranging from $1.81 to $2 per day. So under laborers a more emphatic illustration of the value of the table is shown. In 9 mixed iron and steel establishments there were 2,202 laborers, paid all the way from 41 cents per day to $3, but 1,246 of them were paid from $1.21 to $1.40 per day.

Turning to sub-division L, cotton and woollen goods, in 64 establishments, distributed over 20 states of the Union, there were 636 back boys, with a daily pay ranging from under 21 cents to $1 a day, but more than half of this number, 392, were paid from 41 to 60 cents per day. In these same establishments there were employed 8,565 weavers, the daily earnings ranging from 21 cents to $2.60 per day. The table shows that 2,054 earned from 81 cents to $1 per day, 2,140 from $1.01 to $1.20, and 1,316 from $1.21 to $1.40; so the earnings of weavers must be considered as coming within this range of from 81 cents to $1.40 per day, even though a few others earned more than the highest range just stated and a few less.

Table XVI exhibits the number and the percentage of employés, without reference to occupation, in the various industries in the United States represented in Tables XIV and XV, but classified by groups of daily rates of pay, each group having a range of 20 cents. Piece workers whose time could not be ascertained have been excluded from consideration in Table XIV. In this table the groups of actual daily earnings or daily rates nearest to average daily earnings are given in the left-hand column, and the groups range from under 21 cents a day to $19.40. Under each industry heading there are two columns, the first showing the number of employés in all the establishments considered, and the second showing the percentage of all employés paid at each rate stated in the grouping in the left-hand column of the table; as, for instance,

under pig iron there were 1,286 persons employed at an average daily pay ranging from $1.21 to $1.40, and this number constituted 24.81 of the whole number so employed, which by the footing of the table is shown to have been 5,184. That is to say, nearly one-quarter of all were paid from $1.21 to $1.40 per day.

Looking at iron ore, we find that 24 per cent. of the employés working in iron ore mines were paid the same rates; but in the cotton and woollen industries only 8.93 per cent. of the whole number involved in the table, being 31,657, were paid at like rates, the largest percentage in these industries being 19.51, and paid at rates varying from 61 to 80 cents per day. Thus the table can be used through all the industries listed in Tables XIV and XV.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES.

ESTABLISHMENT No. 1.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Back boys	156	$0.39½	7	567	81	$224	$32	3.63	$62
	156	.50	3	364	121	175	58	2.33	75
	156	.51½	2	229	115	118	59	1.47	80
	156	.56½	2	190	95	105	53	1.22	86
Total	156	.46	14	1,350	96	622	44	8.65	72
Blacksmith	156	2.00	1	150	150	299	299	0.96	311
Card grinders	156	1.25	1	123	123	154	154	0.79	195
	156	1.29	1	52	52	69	69	0.33	207
	156	1.50	1	143	143	205	205	0.92	224
	156	1.66½	1	95	95	156	156	0.61	256
Total	156	1.41½	4	413	103	584	146	2.65	221
Card strippers	156	.83½	1	49	49	42	42	0.31	134
	156	.91½	13	453	35	417	32	2.90	144
	156	1.00	8	529	66	529	66	3.39	156
Total	156	.96	22	1,031	47	988	45	6.60	149
Carpenters	156	1.83½	1	152	152	278	278	0.97	285
	156	2.41½	1	157	157	380	380	1.01	378
Total	156	2.13	2	309	155	658	329	1.98	332
Cloth-room hands	156	.75	1	9	9	7	7	0.06	121
	156	.79	14	902	64	715	51	5.78	124
	156	.83½	6	287	48	240	40	1.84	130
Total	156	.80½	21	1,198	57	962	46	7.68	125
Doffers	156	.58½	5	320	64	191	38	2.05	93
	156	.66½	5	519	104	341	68	3.33	102
	156	.71	2	302	151	214	107	1.94	111
	156	.79½	1	32	32	25	25	0.21	122
Total	156	.65½	13	1,173	90	771	59	7.53	103
Drawers-in	156	(a)	12	(a)	(a)	1,047	87	(a)	(a)
Drawing-frame tenders	156	.66½	1	48	48	32	32	0.31	104
	156	.83½	2	224	112	187	94	1.44	130
Total	156	.80½	3	272	91	219	73	1.75	126
Engineer	156	1.83½	1	159	159	291	291	1.02	286
Firemen	182	1.28	2	199	100	255	128	1.09	233
Harness hand	156	1.25	1	149	149	186	186	0.96	195
Hostler	156	1.33½	1	156	156	214	214	1.00	214
Laborers	156	.25	2	158	79	38	19	1.01	38
	156	.58½	1	42	42	24	24	0.27	89
	156	.66½	2	31	16	20	10	0.23	101
	156	.91½	4	274	69	252	63	1.76	143
	156	1.00	2	55	28	55	28	0.35	156
Total	156	.69½	11	560	51	389	35	3.59	108
Loom fixers	156	1.33½	2	186	93	249	125	1.19	209
	156	1.50	1	149	149	223	223	0.96	233
	156	1.54	1	130	130	201	201	0.83	241
	156	1.66½	1	24	24	40	40	0.15	260
	156	1.71	2	299	150	511	256	1.92	267
Total	156	1.55½	7	788	113	1,224	175	5.05	242

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 1—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Machinists	156	$1.83½	2	294	147	$539	$270	1.88	$286
	156	2.25	1	154	154	346	346	0.99	350
Total	156	1.97½	3	448	149	885	295	2.87	308
Master machinist	156	3.50	1	161	161	562	562	1.03	545
Oiler	156	1.25	1	138	138	173	173	0.88	196
Overseer, carding department	156	2.66½	1	149	149	397	397	0.96	416
Overseer, cloth room	156	2.50	1	149	149	371	371	0.96	388
Overseers, spinning department.	156	2.25	1	151	151	339	339	0.97	350
	156	3.25	1	152	152	495	495	0.97	508
Total	156	2.75	2	303	152	834	417	1.94	429
Overseer, spooling department	156	1.00	1	147	147	147	147	0.94	156
Overseer, weaving department	156	3.50	1	153	153	534	534	0.98	544
Painter	156	2.00	1	135	135	269	269	0.87	311
Picking-room hands	156	.91½	5	462	92	424	85	2.96	143
	156	1.00	1	142	142	142	142	0.91	156
Total	156	.93½	6	604	101	566	94	3.87	146
Railway hands	156	.66⅔	2	80	40	52	26	0.51	101
	156	.83⅓	2	164	82	136	68	1.05	129
Total	156	.77	4	244	61	188	47	1.56	120
Room girl	156	1.25	1	149	149	186	186	0.96	195
Roving carrier	156	.91½	1	140	140	128	128	0.90	143
Second hands	156	1.25	2	246	123	307	154	1.58	195
	156	1.33½	1	149	149	199	199	0.96	208
	156	1.41½	1	156	156	220	220	1.00	220
	156	1.46	1	143	143	211	211	0.92	230
	156	1.50	1	132	132	199	199	0.85	235
	156	1.83½	1	146	146	268	268	0.94	286
Total	156	1.44½	7	972	139	1,404	201	6.25	225
Slasher tenders	156	.83½	3	147	49	122	41	0.94	129
	156	1.50	1	150	150	224	224	0.96	233
Total	156	1.16½	4	297	74	346	87	1.90	182
Slasher tender, head	156	2.16½	1	149	149	323	323	0.96	338
Speeders, coarse	156	1.00	2	115	58	115	58	0.74	156
	156	(a)	3	(a)	(a)	363	121	(a)	(a)
Total	156	(b)	5	(b)	(b)	478	96	(b)	(b)
Speeders, fine	156	(a)	21	(a)	(a)	1,309	62	(a)	(a)
Speeders, intermediate	156	(a)	2	(a)	(a)	337	169	(a)	(a)
Spinners, frame	156	.22	2	17	9	3	2	0.11	28
	156	.29⅓	5	439	88	130	26	2.81	46
	156	.36⅔	14	1,161	83	434	31	7.44	58
	156	.44	16	1,352	85	597	37	8.67	69
	156	.52⅓	3	380	127	200	67	2.44	82
	156	.58⅓	11	643	58	371	34	4.12	90
	156	.66⅔	1	37	37	25	25	0.24	105
	156	.79⅓	1	13	13	10	10	0.08	120
	156	.91⅔	1	147	147	135	135	0.94	143
Total	156	.45⅓	54	4,189	78	1,905	35	26.85	71

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 1—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Spinners, mule	156	(a)	17	(a)	(a)	$2,260	$133	(a)	(a)
Spoolers	156	$0.50	2	290	145	143	72	1.86	$77
	156	.51½	2	282	141	148	74	1.81	82
	156	.58½	16	1,350	84	781	49	8.65	90
	156	.66½	1	61	61	38	38	0.39	97
	156	.83½	1	19	19	16	16	0.12	131
Total	156	.56	22	2,002	91	1,126	51	12.83	88
Warpers	156	.70	2	159	80	111	56	1.02	109
	156	.91½	4	407	102	373	93	2.61	143
	156	1.00	1	7	7	7	7	0.04	156
Total	156	.85½	7	573	82	491	70	3.67	134
Watchmen	182	1.08½	1	182	182	197	197	1.00	197
	182	1.43	1	174	174	249	249	0.96	260
Total	182	1.25½	2	356	178	446	223	1.96	228
Weavers	156	(a)	213	(a)	(a)	15,033	71	(a)	(a)
Weavers, spare	156	.48½	11	269	24	130	12	1.72	75
	156	.70	5	10	2	7	1	0.06	109
	156	.94½	42	366	9	345	8	2.35	147
	156	1.30½	6	33	6	43	7	0.21	203
	156	1.48½	3	39	13	58	19	0.25	232
Total	156	.81½	67	717	11	583	9	4.59	127
Yard hands	156	.91½	1	150	150	137	137	0.96	142
	156	1.00	3	202	67	202	67	1.29	156
Total	156	.96½	4	352	88	339	85	2.25	150
The establishment	------	(b)	565	(b)	(b)	40,329	71	(b)	(b)

ESTABLISHMENT No. 3.

Back boys	156	$0.17	2	23	12	$4	$2	0.15	$27
	156	.30	3	131	44	39	13	0.84	46
	156	.34	11	224	20	76	7	1.44	53
	156	.36½	5	296	59	106	21	1.90	56
	156	.40	4	367	92	147	37	2.35	62
	156	.44	3	303	101	131	44	1.94	67
	156	.47	1	60	60	28	28	0.38	73
Total	156	.38	29	1,404	48	531	18	9.00	59
Card grinders	156	1.55	4	328	82	508	127	2.10	242
Card strippers	156	1.05	4	436	109	453	113	2.79	162
Carpenters	156	2.00	2	299	150	599	300	1.92	313
Cloth inspectors	156	.80	8	452	57	362	45	2.90	125
Cloth-room hands	156	.64	5	149	30	96	19	0.96	101
Doffers	156	.55	4	596	149	328	82	3.82	86
	156	.60	3	171	57	106	35	1.10	97
	156	.65	1	148	148	97	97	0.95	102
	156	.70	7	598	85	421	60	3.83	110
	156	.75	1	142	142	108	108	0.91	119
	156	.80	1	17	17	14	14	0.11	128
	156	.90	2	133	67	120	60	0.85	141
Total	156	.66	19	1,805	95	1,194	63	11.57	103

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 3—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Drawers-in	156	$0.64	2	172	86	$110	$55	1.10	$100
	156	.91	3	148	49	135	45	0.95	142
	156	1.02	5	537	107	549	110	3.44	159
Total	156	.92½	10	857	86	794	79	5.49	145
Drawing-frame tenders	156	.55	1	146	146	83	83	0.94	89
	156	.70	1	154	154	111	111	0.99	112
	156	.88	1	156	156	137	137	1.00	137
	156	1.10	1	15	15	16	16	0.10	166
Total	156	.73½	4	471	118	347	87	3.03	115
Dressing-room hands	156	.90	2	75	38	67	34	0.48	139
	156	1.00	2	229	115	229	115	1.47	156
Total	156	.97½	4	304	76	296	74	1.95	152
Elevator hand	156	1.10	1	123	123	135	135	0.79	171
Filling carrier	156	1.20	1	149	149	179	179	0.96	187
Firemen	182	1.52	2	365	183	555	278	2.01	277
Folders	156	1.15	3	93	31	107	36	0.60	179
Foreman, yard hands	156	2.25	1	160	160	358	358	1.03	349
Loom fixers	156	1.95	3	166	55	323	108	1.06	304
	156	2.00½	3	439	146	881	294	2.81	313
Total	156	1.99	6	605	101	1,204	201	3.87	310
Machinists	156	1.33½	2	3	2	4	2	0.02	208
	156	1.65	1	172	172	283	283	1.10	257
	156	1.75	1	160	160	279	279	1.03	272
	156	2.00	4	201	50	403	101	1.29	313
Total	156	1.81	8	536	67	969	121	3.44	282
Master machinist	156	3.50	1	184	184	644	644	1.18	546
Oilers	156	.65	2	284	142	182	91	1.82	100
	156	.72½	1	74	74	56	56	0.47	118
	156	1.60	1	152	152	242	242	0.97	248
Total	156	.94	4	510	128	480	120	3.26	147
Overseer, carding department	156	3.35	1	160	160	535	535	1.03	522
Overseer, cloth room	156	2.25	1	152	152	343	343	0.97	352
Overseer, dressing room	156	2.75	1	153	153	420	420	0.98	428
Overseer, spinning department	156	3.35	1	150	150	502	502	0.96	522
Overseer, weaving department	156	3.35	1	153	153	512	512	0.98	522
Picking-room hands	156	1.10	2	119	60	130	65	0.76	170
	156	1.50	1	159	159	237	237	1.02	233
Total	156	1.32	3	278	93	367	122	1.78	206
Room girls	156	1.16½	2	268	134	317	159	1.72	185
	156	1.25	1	23	23	29	29	0.15	197
Total	156	1.19	3	291	97	346	115	1.87	185
Roving carrier	156	.95½	1	69	69	66	66	0.44	149
Second hand	156	2.15	1	152	152	326	326	0.97	335
Slasher tender	156	1.55	1	153	153	237	237	0.98	242
Slasher tender's helper	156	.80	1	78	78	62	62	0.50	124
Speeders, coarse	156	1.10	2	264	132	290	145	1.69	171

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 3—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Speeders, fine	156	$0.70	4	159	40	$111	$28	1.02	$109
	156	.99½	5	139	28	138	28	0.89	155
	156	1.26	5	398	80	502	100	2.55	197
	156	1.37½	5	437	87	600	120	2.80	214
Total	156	1.19	19	1,133	60	1,351	71	7.26	186
Speeders, intermediate	156	1.12½	6	706	118	796	133	4.53	176
	156	1.28½	1	140	140	180	180	0.90	201
Total	156	1.15½	7	846	121	976	139	5.43	180
Spinners, frame	156	.60	1	84	84	50	50	0.54	93
	156	.75	1	148	148	111	111	0.95	117
	156	.80	1	5	5	4	4	0.03	125
	156	.90	14	1,323	95	1,186	85	8.48	140
Total	156	.36½	17	1,560	92	1,351	79	10.00	135
Spinners, mule	156	1.71	11	1,504	137	2,570	234	9.64	267
Spoolers	156	.83	14	1,366	98	1,136	81	8.76	130
	156	1.00	1	34	34	34	34	0.22	156
Total	156	.83½	15	1,400	93	1,170	78	8.98	130
Stitchers	156	1.15	3	214	71	246	82	1.37	179
Sweepers	156	.40	3	37	12	15	5	0.24	63
	156	.50	2	204	102	101	51	1.31	77
	156	.55	7	681	97	376	54	4.37	86
Total	156	.53½	12	922	77	492	41	5.92	83
Teamster	156	1.66½	1	159	159	265	265	1.02	260
Third hands	156	1.05	1	138	138	146	146	0.88	165
	156	1.32	1	163	163	215	215	1.04	206
	156	1.45	1	139	139	200	200	0.89	224
	156	1.64	1	8	8	13	13	0.05	254
	156	1.80	1	156	156	280	280	1.00	280
Total	156	1.41½	5	604	121	854	171	3.86	221
Warpers	156	1.02½	3	397	132	406	135	2.54	160
Watchman	182	1.52	1	78	78	119	119	0.43	278
Weavers	156	.73	6	535	89	390	65	3.43	114
	156	1.02	33	2,596	79	2,648	80	16.64	159
	156	1.23	99	8,306	84	10,232	103	53.24	192
	156	1.46½	6	548	91	802	134	3.51	228
Total	156	1.17½	144	11,985	83	14,072	98	76.82	183
Yard hands	156	1.25	7	280	40	355	51	1.79	198
	156	1.60	2	5	3	8	4	0.03	250
Total	156	1.27½	9	285	32	363	40	1.82	199
The establishment	-------	1.17½	380	32,370	85	a38,052	100	207.09	184

a Includes $369 expended for permanent improvements, which could not be eliminated from the different occupations given above.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 4.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Back boys	156	$0.25	5	312	62	$79	$16	2.00	$40
	156	.29	2	233	117	69	35	1.49	46
	156	.33⅓	14	972	69	328	23	6.23	53
	156	.37½	6	563	94	207	35	3.61	57
	156	.41½	6	711	119	298	50	4.56	65
	156	.46	2	233	117	105	53	1.49	70
	156	.50	1	145	145	71	71	0.93	76
Total	156	.36½	36	3,169	88	1,157	32	20.31	57
Blacksmith	156	2.00	1	153	153	307	307	0.98	313
Card grinders	156	1.33⅓	1	151	151	206	206	0.97	213
	156	1.50	3	419	140	629	210	2.69	234
Total	156	1.46½	4	570	143	835	209	3.66	229
Card strippers	156	1.16½	1	146	146	173	173	0.94	185
	156	1.25	7	909	130	1,135	162	5.83	195
Total	156	1.24	8	1,055	132	1,308	164	6.77	193
Carpenters	156	1.75	1	148	148	258	258	0.95	272
	156	1.83⅓	1	113	113	207	207	0.72	286
	156	2.00	1	18	18	35	35	0.12	303
	156	2.25	3	346	115	774	258	2.22	349
	156	2.75	2	167	84	456	228	1.07	426
Total	156	2.18½	8	792	99	1,730	216	5.08	341
Cloth inspectors	156	.75	6	832	139	624	104	5.33	117
	156	.79	3	189	63	150	50	1.21	124
	156	.83½	4	474	119	395	99	3.04	130
Total	156	.78	13	1,495	115	1,169	90	9.58	122
Cloth-room hands	156	.79	1	102	102	81	81	0.65	124
	156	1.29	1	151	151	198	198	0.97	205
Total	156	1.10½	2	253	127	279	140	1.62	172
Doffers	156	.41½	5	422	84	172	34	2.71	64
	156	.46	3	225	75	101	34	1.44	70
	156	.50	9	1,119	124	561	62	7.17	78
	156	.54	1	116	116	62	62	0.74	83
	156	.58½	7	661	94	383	55	4.24	90
	156	.62½	2	294	147	183	92	1.88	97
	156	.66⅔	2	297	149	197	99	1.90	103
	156	.71	3	435	145	309	103	2.79	111
	156	.75	6	749	125	562	94	4.80	117
	156	.79	2	274	137	217	109	1.76	124
Total	156	.60	40	4,592	115	2,747	69	29.43	93
Doffer, head	156	1.41½	1	148	148	210	210	0.95	221
Drawers-in	156	.61	9	1,089	121	663	74	6.98	95
	156	.83½	7	545	78	454	65	3.49	130
	156	1.00½	3	381	127	383	128	2.44	157
Total	156	.74½	19	2,015	106	1,500	79	12.91	116
Drawing-frame tenders	156	.62½	1	109	109	68	68	0.70	97
	156	.66⅔	2	227	114	156	78	1.46	107
	156	.75	3	335	112	251	84	2.15	117
	156	1.00	1	142	142	142	142	0.91	156
Total	156	.76	7	813	116	617	88	5.22	118

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 4—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Elevator hands	156	$1.08½	1	124	124	$134	$134	0.79	$169
	156	1.33⅓	1	144	144	192	192	0.92	208
Total	156	1.21½	2	268	134	326	163	1.71	190
Filling carrier	156	1.25	1	151	151	189	189	0.97	195
Folder	156	1.21	1	148	148	182	182	0.95	192
Loom fixers	156	1.58⅓	1	143	143	220	220	0.92	240
	156	1.75	5	710	142	1,252	250	4.55	275
	156	1.83⅓	6	502	84	917	153	3.22	285
	156	1.91⅔	2	274	137	524	262	1.76	298
Total	156	1.79	14	1,629	116	2,913	208	10.45	279
Machinists	156	1.50	1	145	145	216	216	0.93	232
	156	1.66⅔	1	164	164	274	274	1.05	261
	156	1.75	1	154	154	269	269	0.99	272
	156	2.00	1	138	138	276	276	0.88	312
	156	2.25	3	435	145	978	326	2.79	351
Total	156	1.94½	7	1,036	148	2,013	288	6.64	303
Mason	156	1.25	1	151	151	182	182	0.97	188
Master machinist	156	2.50	1	105	105	262	262	0.67	389
Master mechanic	156	5.80	1	166	166	965	965	1.06	907
Oilers	156	1.16⅔	3	231	77	268	89	1.48	181
	156	1.29	2	295	148	379	190	1.89	200
	156	1.33⅓	1	134	134	179	179	0.86	208
Total	156	1.25	6	660	110	826	138	4.23	195
Overseers, carding department	156	2.00	1	159	159	317	317	1.02	311
	156	2.50	1	143	143	357	357	0.92	389
Total	156	2.23	2	302	151	674	337	1.94	348
Overseer, cloth room	156	2.33½	1	148	148	345	345	0.95	364
Overseer, dressing room	156	2.00	1	142	142	284	284	0.91	312
Overseer, picking department	156	1.50	1	143	143	215	215	0.92	235
Overseers, spinning department	156	3.00	1	161	161	482	482	1.03	467
	156	3.25	1	149	149	483	483	0.96	506
Total	156	3.11½	2	310	155	965	483	1.99	486
Overseer, weaving department	156	3.75	1	154	154	578	578	0.99	586
Painter	156	2.00	1	147	147	295	295	0.94	313
Picking-room hands	156	.58½	1	140	140	85	85	0.90	95
	156	.75	1	105	105	82	82	0.67	122
	156	.83⅓	1	107	107	91	91	0.69	133
	156	.91⅔	5	523	105	482	96	3.35	144
	156	1.00	2	254	127	252	126	1.63	155
	156	1.16⅔	1	138	138	161	161	0.88	182
	156	1.25	1	12	12	15	15	0.08	195
Total	156	.91½	12	1,279	107	1,168	97	8.20	142
Railway hands	156	.54	1	146	146	79	79	0.94	84
	156	.66⅔	1	142	142	95	95	0.91	104
	156	.91⅔	1	149	149	133	133	0.96	139
Total	156	.70½	3	437	146	307	102	2.81	110

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 4—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Roller coverers	156	$1.50	1	156	156	$235	$235	1.00	$235
	156	2.50	1	149	149	373	373	0.96	391
Total	156	1.99½	2	305	153	608	304	1.96	311
Room girls	156	1.08½	9	1,159	129	1,258	140	7.43	169
Second hands	156	1.33½	1	154	154	207	207	0.99	210
	156	1.41⅔	1	126	126	179	179	0.81	222
	156	1.66⅔	2	289	145	482	241	1.85	260
	156	1.75	3	449	150	786	262	2.88	273
	156	1.83½	1	153	153	280	280	0.98	285
	156	2.00	2	219	110	438	219	1.40	312
	156	2.08½	2	288	144	599	300	1.85	324
Total	156	1.77	12	1,678	140	2,971	248	10.76	276
Shearer	156	1.08⅓	1	142	142	154	154	0.91	169
Slasher tenders	156	1.50	3	447	149	673	224	2.87	235
Slasher tenders' helper	156	.50	1	63	63	32	32	0.40	79
Speeders	156	.80	31	3,503	113	2,803	90	22.46	125
	156	1.03	30	3,441	115	3,540	118	22.06	160
Total	156	.91½	61	6,944	114	6,343	104	44.52	142
Spinners, frame	156	.16½	6	176	29	30	5	1.13	27
	156	.21	5	301	60	66	13	1.93	34
	156	.25	28	2,192	78	536	19	14.05	38
	156	.29	12	1,167	97	348	29	7.48	47
	156	.33½	10	902	90	293	29	5.73	51
	156	.37½	4	383	96	146	37	2.46	59
	156	.41⅔	16	1,390	87	590	37	8.91	66
	156	.46	8	793	99	359	45	5.08	71
	156	.50	21	2,556	122	1,285	61	16.38	78
	156	.54	8	867	108	471	59	5.56	85
	156	.58½	11	886	81	520	47	5.68	92
	156	.62½	3	383	128	237	79	2.46	97
	156	.66⅔	13	1,576	121	1,055	81	10.10	104
	156	.71	8	895	112	631	79	5.74	110
	156	.75	10	1,171	117	875	88	7.51	117
	156	.79	2	254	127	199	100	1.63	122
	156	.83½	3	328	109	273	91	2.10	130
	156	.91⅔	1	70	70	64	64	0.45	143
Total	156	.49	169	16,290	96	7,978	47	104.43	76
Spinners, mule	156	1.00	2	209	105	208	104	1.34	155
	156	1.16⅔	2	288	144	340	170	1.85	184
	156	1.50	9	840	93	1,261	140	5.38	234
	156	1.66⅔	15	1,460	97	2,419	161	9.36	258
Total	156	1.51	28	2,797	100	4,228	151	17.93	236
Spoolers	156	.33⅓	1	13	13	4	4	0.08	48
	156	.41⅔	2	141	71	58	29	0.90	64
	156	.50	1	125	125	65	65	0.80	81
	156	.58⅓	3	255	85	146	49	1.63	89
	156	.62½	3	331	110	208	69	2.12	98
	156	.66⅔	4	456	114	302	76	2.92	103
	156	.71	3	277	92	195	65	1.78	110
	156	.75	4	495	124	374	94	3.17	118
	156	.79	1	143	143	111	111	0.92	121
	156	.83⅓	2	161	81	131	66	1.03	127
	156	.87½	2	97	49	85	43	0.62	137
	156	1.00	8	962	120	955	119	6.17	155
Total	156	.76	34	3,456	102	2,634	77	22.14	119

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 4—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Stitchers	156	$1.08½	3	67	22	$73	$24	0.43	$170
Teamsters	156	1.25	1	145	145	181	181	0.93	195
	156	1.41½	1	150	150	213	213	0.96	222
Total	156	1.33⅓	2	295	148	394	197	1.89	208
Third hands	156	1.16⅔	3	426	142	496	165	2.73	182
	156	1.33⅓	1	150	150	200	200	0.96	208
Total	156	1.21	4	576	144	696	174	3.69	189
Trimmers	156	.66⅔	1	109	109	72	72	0.70	103
	156	.71	2	45	23	31	16	0.29	107
	156	.75	3	426	142	319	106	2.73	117
Total	156	.73	6	580	97	422	70	3.72	114
Warpers	156	.83⅓	5	494	99	415	83	3.17	131
	156	.87½	6	397	66	343	57	2.54	135
	156	.91⅔	1	91	91	85	85	0.58	146
	156	1.00	2	159	80	159	80	1.02	156
Total	156	.88	14	1,141	82	1,002	72	7.31	137
Waste hands	156	.91⅔	1	140	140	128	128	0.90	143
	156	.96	1	75	75	70	70	0.48	146
Total	156	.92	2	215	108	198	99	1.38	144
Waste picker	156	.33½	1	107	107	36	36	0.69	52
Watchmen	182	1.50	2	353	177	529	265	1.94	273
Weavers	156	.46⅔	34	1,744	51	813	24	11.18	73
	156	.70½	50	5,563	111	3,920	78	35.66	110
	156	.96	88	10,280	117	9,883	112	65.90	150
	156	1.17½	122	13,821	113	16,219	133	88.60	183
	156	1.43	27	3,233	120	4,629	171	20.72	223
	156	1.65½	4	516	129	854	214	3.31	258
Total	156	1.03½	325	35,157	108	36,318	112	225.37	161
Yard hands	156	1.25	6	197	33	248	41	1.26	196
	156	1.33½	3	154	51	204	68	0.99	207
	156	1.41½	2	300	150	425	213	1.92	221
Total	156	1.34½	11	651	59	877	80	4.17	210
Yarn carriers	156	1.04	2	273	137	284	142	1.75	162
The establishment	.....	.97	889	95,127	107	a92,256	104	609.50	151

ESTABLISHMENT No. 9.

Card grinder	156	$1.50	1	144	144	$216	$216	0.92	$234
Card strippers	156	.95	9	406	45	387	43	2.60	149
Carpenters	156	1.50	1	149	149	221	221	0.96	231
	156	1.83⅓	1	94	94	173	173	0.60	287
Total	156	1.62	2	243	122	394	197	1.56	253

a The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 9—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Cleaners	156	$0.75	2	130	65	$98	$49	0.83	$118
Cloth-room hand	156	1.25	1	144	144	177	177	0.92	192
Doffers	156	.25	6	164	27	42	7	1.05	40
	156	.30	2	106	53	31	16	0.68	46
	156	.40	2	89	45	36	18	0.57	63
	156	.50	10	826	83	410	41	5.29	77
	156	.75	1	111	111	83	83	0.71	117
Total	156	.46½	21	1,296	62	602	29	8.30	72
Doffer, head	156	1.00	1	144	144	143	143	0.92	155
Drawers-in	156	.96½	2	281	141	271	136	1.80	150
Filling carriers	156	1.00	2	87	44	87	44	0.56	156
Loom fixers	156	1.40	1	98	98	135	135	0.63	215
	156	1.50	4	239	60	360	90	1.53	235
	156	1.60	1	143	143	230	230	0.92	251
Total	156	1.51	6	480	80	725	121	3.08	236
Machinists	156	1.75	1	158	158	277	277	1.01	273
	156	2.25	2	254	127	571	286	1.63	351
Total	156	2.06	3	412	137	848	283	2.64	321
Overseer, carding department	156	2.50	1	152	152	380	380	0.97	390
Overseer, cloth room	156	1.75	1	148	148	257	257	0.95	271
Overseers, dressing room	156	2.50	2	150	75	374	187	0.96	389
Overseer, spinning department.	156	2.50	1	151	151	378	378	0.97	391
Overseer, weaving department.	156	2.50	1	141	141	352	352	0.90	389
Picking-room hands	156	1.00	7	366	52	369	53	2.35	157
Railway hands	156	.80	1	40	40	32	32	0.26	125
	156	1.00	3	190	63	190	63	1.22	156
Total	156	.96½	4	230	58	222	56	1.48	151
Room girls	156	1.00	3	302	101	302	101	1.94	156
Roving carriers	156	1.00	2	153	77	153	77	0.98	156
Second hands	156	1.50	3	223	74	334	111	1.43	234
Slasher tender	156	1.00	1	152	152	152	152	0.97	156
Speeders	156	.84½	10	469	47	396	40	3.01	132
	156	1.04½	14	728	52	762	54	4.67	163
Total	156	.96½	24	1,197	50	1,158	48	7.68	151
Spinners, frame	156	.50	11	758	69	383	35	4.86	79
	156	.55	2	147	74	79	40	0.94	84
	156	.60	4	234	59	140	35	1.50	93
	156	.65	1	146	146	93	93	0.94	99
	156	.75	3	257	86	192	64	1.65	117
	156	.80	4	345	86	277	69	2.21	125
	156	.85	2	48	24	41	21	0.31	133
	156	.90	1	145	145	134	134	0.93	144
	156	.95	3	402	134	383	128	2.58	149
	156	1.00	9	962	107	962	107	6.17	156
Total	156	.78	40	3,444	86	2,684	67	22.09	122
Spoolers	156	.77½	11	763	69	591	54	4.89	121
	156	.97	4	307	77	298	75	1.97	151
Total	156	.83	15	1,070	71	889	59	6.86	130

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 9—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Sweepers	156	$0.50	5	52	10	$26	$5	0.33	$78
Warpers	156	.85	3	367	122	323	108	2.35	137
Watchmen	182	1.33½	3	360	120	480	160	1.98	243
Weavers	156	.62½	11	226	21	141	13	1.45	97
	156	.87½	35	1,864	53	1,627	46	11.95	136
	156	1.05	36	2,951	82	3,092	86	18.92	163
	156	1.34	5	328	66	439	88	2.10	209
	156	1.58⅓	1	12	12	19	19	0.08	247
Total	156	.99	88	5,381	61	5,318	60	34.50	154
Yard hands	156	1.25	2	181	91	221	111	1.16	190
The establishment	.....	1.02	256	17,987	70	18,320	72	114.98	159

ESTABLISHMENT No. 10.

Baler	156	$1.25	1	100	100	$124	$124	0.64	$193
Beamers	156	1.00	1	147	147	147	147	0.94	156
	156	1.25	2	308	154	385	193	1.97	195
	156	1.50	1	133	133	200	200	0.85	235
Total	156	1.24½	4	588	147	732	183	3.76	194
Blacksmith	156	1.75	1	147	147	258	258	0.94	274
Bobbin boys	156	.27	1	155	155	42	42	0.99	42
	156	.46	1	152	152	70	70	0.97	72
	156	.54	1	49	49	26	26	0.31	83
	156	1.00	1	127	127	127	127	0.81	156
Total	156	.55	4	483	121	265	66	3.08	86
Card grinders	156	.84½	1	155	155	131	131	0.99	132
	156	1.25	1	156	156	195	195	1.00	195
	156	1.37½	1	155	155	213	213	0.99	214
	156	1.40	1	153	153	215	215	0.98	219
	156	1.44	1	155	155	224	224	0.99	225
Total	156	1.26½	5	774	155	978	196	4.95	197
Carpenters	156	1.16⅔	1	100	100	117	117	0.64	183
	156	1.37½	1	151	151	208	208	0.97	215
	156	1.50	1	118	118	176	176	0.76	233
Total	156	1.36	3	369	123	501	167	2.37	212
Cloth carriers	156	.51⅔	2	288	144	149	75	1.85	81
Cloth inspectors	156	.75½	2	308	154	232	116	1.97	118
Doffers	156	.19	6	570	95	110	18	3.65	30
	156	.23	13	1,233	95	285	22	7.90	36
	156	.27	15	1,808	121	489	33	11.59	42
	156	.30	2	146	73	43	22	0.94	46
	156	.36½	2	273	137	99	50	1.75	57
Total	156	.25½	38	4,030	106	1,026	27	25.83	40
Drawers-in	156	.30⅔	4	525	131	160	40	3.37	48
	156	.56	3	373	124	209	70	2.39	87
Total	156	.41	7	898	128	369	53	5.76	64

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 10—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Drawing-frame tenders	156	$0.63½	3	437	146	$271	$90	2.80	$97
Elevator hands	156	.77	1	155	155	119	119	0.99	120
	156	1.00	1	155	155	155	155	0.99	156
Total	156	.88½	2	310	155	274	137	1.98	138
Engineer	156	1.37½	1	153	153	210	210	0.98	214
Filling carrier	156	.46	1	153	153	71	71	0.98	72
Fireman	156	1.37½	1	156	156	214	214	1.00	214
Folders	156	.97	4	433	108	419	105	2.73	151
Handers-in	156	.19	3	441	147	85	28	2.83	30
	156	.23	6	534	89	124	21	3.42	36
	156	.30	1	40	40	12	12	0.26	47
Total	156	.22	10	1,015	102	221	22	6.51	34
Harness hand	156	1.00	1	155	155	155	155	0.99	156
Laborers	156	.88½	1	172	172	152	152	1.10	138
	156	1.00	11	1,159	105	1,159	105	7.43	156
	156	1.25	1	147	147	184	184	0.94	195
Total	156	1.01	13	1,478	114	1,495	115	9.47	158
Lap carriers	156	.80	2	201	101	160	80	1.29	124
	156	1.00	2	272	136	272	136	1.74	156
Total	156	.91½	4	473	118	432	108	3.03	142
Loom fixers	156	1.12½	1	76	76	85	85	0.49	174
	156	1.25	5	759	152	949	190	4.87	195
	156	1.37½	1	155	155	213	213	0.99	214
	156	1.62½	1	152	152	246	246	0.97	252
Total	156	1.30½	8	1,142	143	1,493	187	7.32	204
Machinists	156	1.75	1	158	158	276	276	1.01	273
	156	2.75	1	159	159	436	436	1.02	428
Total	156	2.24½	2	317	159	712	356	2.03	350
Machinists' apprentice	156	.70	1	158	158	111	111	1.01	110
Mason	156	3.50	1	94	94	330	330	0.60	548
Oiler	156	.77	1	154	154	118	118	0.99	120
Overseer, carding department	156	2.75	1	155	155	426	426	0.99	429
Overseer, cloth room	156	1.66½	1	155	155	258	258	0.99	260
Overseer, spinning department	156	2.75	1	155	155	426	426	0.99	429
Overseer, spooling department	156	2.75	1	155	155	426	426	0.99	429
Overseer, weaving department	156	2.75	1	154	154	424	424	0.99	430
Painters	156	1.34½	2	142	71	191	96	0.91	210
Picking-room hands	156	.50	1	154	154	77	77	0.99	78
	156	1.00	4	612	153	612	153	3.92	156
	156	1.25	2	306	153	383	192	1.96	195
Total	156	1.00	7	1,072	153	1,072	153	6.87	156
Railway hands	156	.39	3	311	104	122	41	1.99	61
Roving carriers	156	.66½	2	134	67	89	45	0.86	104
Scrubbers	156	.75	5	207	41	155	31	1.33	117
Second hands	156	1.37½	1	150	150	206	206	0.96	214
	156	1.67	2	312	156	521	261	2.00	261
Total	156	1.57½	3	462	154	727	242	2.96	245

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 10—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Slasher tender	156	$1.80	1	147	147	$265	$265	0.94	$281
Speeders	156	.55	9	1,053	117	581	65	6.75	86
	156	.72½	14	1,854	132	1,345	96	11.88	113
Total	156	.66⅔	23	2,907	126	1,926	84	18.63	103
Spinners	156	.31	1	138	138	42	42	0.88	47
	156	.38½	1	150	150	58	58	0.96	60
	156	.42½	2	295	148	123	62	1.89	65
	156	.46	3	441	147	204	68	2.83	72
	156	.50	13	1,957	151	979	75	12.54	78
	156	.54	2	298	149	161	81	1.91	84
	156	.57½	4	594	149	342	86	3.81	90
	156	.61½	8	1,163	145	716	90	7.46	96
	156	.65½	4	507	127	333	83	3.25	102
Total	156	.53½	38	5,543	146	2,958	78	35.53	83
Spoolers	156	.52	11	949	86	494	45	6.08	81
	156	.73½	13	1,550	119	1,139	88	9.94	115
Total	156	.65½	24	2,499	104	1,633	68	16.02	102
Sweepers	156	.23	4	285	71	66	17	1.83	36
	156	.27	2	202	101	54	27	1.29	42
	156	.31	1	118	118	36	36	0.76	48
	156	.38½	3	29	10	11	4	0.19	59
	156	.46	3	227	76	107	36	1.46	74
	156	.54	1	71	71	39	39	0.46	86
Total	156	.33⅓	14	932	67	313	22	5.99	52
Third hand	156	1.25	1	156	156	195	195	1.00	195
Tinsmith	156	1.23	1	117	117	144	144	0.75	192
Twisters	156	.37½	5	712	142	266	53	4.56	58
Warpers	156	.83	1	151	151	125	125	0.97	129
	156	1.25	5	760	152	950	190	4.87	195
Total	156	1.18	6	911	152	1,075	179	5.84	184
Watchmen	182	1.16⅔	2	354	177	413	207	1.95	212
Weavers	156	.39½	19	1,534	81	606	32	9.83	62
	156	.54½	33	3,705	112	2,017	61	23.75	85
	156	.78½	43	5,464	127	4,282	100	35.03	122
	156	1.02	6	749	125	764	127	4.80	159
Total	156	.67	101	11,452	113	7,669	76	73.41	104
Winders	156	.27	4	562	141	151	38	3.60	42
	156	.46	1	153	153	71	71	0.98	72
Total	156	.31	5	715	143	222	44	4.58	48
The establishment	.....	.73½	368	44,160	120	a32,555	88	282.09	115

a The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 11.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Band boy	313	$0.50	1	266	266	$133	$133	0.85	$157
Card grinders	313	1.00	2	554	277	554	277	1.77	313
Card strippers	313	1.00	1	267	267	267	267	0.85	313
	313	1.16	1	274	274	317	317	0.88	362
Total	313	1.08	2	541	271	584	292	1.73	338
Carder	313	.50	1	267	267	134	134	0.85	157
Doffers	313	.25	7	939	134	235	34	3.00	78
	313	.27	2	359	180	103	52	1.15	90
	313	.30	3	479	160	142	47	1.53	93
	313	.33	4	827	207	279	70	2.64	106
	313	.40	2	375	188	146	73	1.20	122
	313	.44	2	545	273	240	120	1.74	138
	313	.57	1	280	280	159	159	0.89	178
Total	313	.34⅓	21	3,804	181	1,304	62	12.15	107
Doffer, head	313	.60	1	274	274	164	164	0.88	187
Drawers-in	313	.50½	3	525	175	266	89	1.68	159
Drawing-frame tenders	313	.25	1	262	262	65	65	0.84	78
	313	.37	1	273	273	104	104	0.87	119
	313	.60	3	529	176	325	108	1.69	192
Total	313	.46½	5	1,064	213	494	99	3.40	145
Elevator hand	313	.60	1	277	277	169	169	0.88	191
Filling carrier	313	.50	1	253	253	127	127	0.81	157
Fireman	313	1.25	1	308	308	385	385	0.98	391
Folder	313	1.00	1	278	278	278	278	0.89	313
Laborers	313	1.00	5	811	162	811	162	2.59	313
Loom fixers	313	1.00	1	230	230	230	230	0.73	313
	313	1.35	1	272	272	367	367	0.87	422
Total	313	1.19	2	502	251	597	299	1.60	372
Machinists	313	1.50	2	503	252	755	378	1.61	470
Master machinist	313	2.50	1	280	280	700	700	0.89	783
Overseer, carding department	313	1.80	1	272	272	490	490	0.87	564
Overseer, cloth room	313	1.30	1	281	281	363	363	0.90	404
Overseer, spinning department	313	1.75	1	286	286	500	500	0.91	547
Overseer, weaving department	313	2.25	1	280	280	629	629	0.89	703
Picking-room hands	313	.75	1	40	40	30	30	0.13	235
	313	1.05	1	270	270	284	284	0.86	329
Total	313	1.01½	2	310	155	314	157	0.99	317
Roller coverer	313	1.25	1	232	232	290	290	0.74	391
Roving carrier	313	.50	1	75	75	38	38	0.24	159
Second hands	313	.80	1	276	276	219	219	0.88	248
	313	1.00	1	283	283	283	283	0.90	313
	313	1.35	1	281	281	380	380	0.90	423
	313	1.56	1	294	294	458	458	0.94	488
Total	313	1.18	4	1,134	284	1,340	335	3.62	370
Slasher tender	313	2.25	1	274	274	619	619	0.88	707
Slasher tender's helper	313	1.00	1	273	273	273	273	0.87	313
Speeders, coarse	313	.60	1	274	274	164	164	0.88	187
	313	.70	1	273	273	189	189	0.87	217
	313	.75	2	553	277	413	207	1.77	234
Total	313	.69⅔	4	1,100	275	766	192	3.52	218

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 11—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Speeders, fine	313	$0.70	2	491	246	$344	$172	1.57	$219
	313	.75	4	967	242	724	181	3.09	234
Total	313	.73½	6	1,458	243	1,068	178	4.66	229
Spinners, frame	313	.25	2	315	158	80	40	1.01	79
	313	.30	1	180	180	57	57	0.58	99
	313	.40	1	207	207	84	84	0.66	127
	313	.50	3	811	270	407	136	2.59	157
	313	.55	2	462	231	258	129	1.48	175
	313	.60	9	2,016	224	1,211	135	6.44	188
	313	.66	8	2,002	250	1,314	164	6.40	205
Total	313	.57	26	5,993	231	3,411	131	19.16	178
Spoolers	313	.36½	2	301	151	110	55	0.96	114
	313	.50	2	82	41	41	21	0.26	157
	313	.60	3	501	167	301	100	1.60	188
Total	313	.51	7	884	126	452	65	2.82	160
Sweeper	313	.50	1	239	239	120	120	0.76	157
Warpers	313	.72	2	534	267	384	192	1.71	225
Watchman	365	1.00	1	301	301	301	301	0.82	365
Weavers	313	.65½	40	4,993	125	3,271	82	15.95	205
	313	.78½	35	6,869	196	5,394	154	21.95	246
	313	1.02½	5	1,207	241	1,235	247	3.86	320
Total	313	.76	80	13,069	163	9,900	124	41.76	237
The establishment	.....	.76½	191	37,502	196	28,713	150	119.68	240

ESTABLISHMENT No. 12.

Band fixer	313	$1.25	1	269	269	$336	$336	0.86	$391
Beamer	313	1.90	1	272	272	516	516	0.87	594
Blacksmith	313	1.50	1	277	277	415	415	0.88	469
Bobbin boys	313	.30	3	284	95	87	29	0.91	96
	313	.38½	4	934	234	359	90	2.98	120
Total	313	.36½	7	1,218	174	446	64	3.89	115
Card grinders	313	1.15	1	263	263	297	297	0.84	353
	313	1.25	1	265	265	331	331	0.85	391
Total	313	1.19	2	528	264	628	314	1.69	372
Card strippers	313	1.00	3	203	68	203	68	0.65	313
Carpenters	313	1.25	1	270	270	338	338	0.86	392
	313	1.50	1	268	268	402	402	0.86	470
Total	313	1.37½	2	538	269	740	370	1.72	431
Cloth inspectors	313	.80⅓	1	57	57	46	46	0.18	253
	313	1.12⅓	1	285	285	322	322	0.91	354
Total	313	1.07¼	2	342	171	368	184	1.09	337

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 12—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Doffers	313	$0.20	3	95	32	$19	$6	0.30	$63
	313	.25	10	1,477	148	371	37	4.72	79
	313	.30	12	1,907	159	575	48	6.09	94
	313	.35	3	600	200	210	70	1.92	110
	313	.38½	11	1,578	143	618	56	5.04	123
	313	.45	2	484	242	217	109	1.55	140
Total	313	.32½	41	6,141	150	2,010	49	19.62	102
Drawers-in	313	.70	5	1,038	208	735	147	3.32	222
Drawing-frame tenders	313	.35	3	461	154	161	54	1.47	109
	313	.45	2	498	249	221	111	1.59	139
Total	313	.40	5	959	192	382	76	3.06	125
Elevator hands	313	.85	2	311	156	264	132	0.99	266
Filling carriers	313	.38½	2	474	237	186	93	1.51	123
	313	.50	1	110	110	55	55	0.35	157
Total	313	.41½	3	584	195	241	80	1.86	129
Firemen	313	1.25	2	402	201	490	245	1.28	382
Folders	313	1.00	2	277	139	277	139	0.88	313
Laborers	313	1.00	4	620	155	620	155	1.98	313
	313	1.25	2	350	175	437	219	1.12	391
Total	313	1.09	6	970	162	1,057	176	3.10	341
Loom fixers	313	1.10	1	68	68	75	75	0.22	345
	313	1.15	1	54	54	62	62	0.17	359
	313	1.25	4	808	202	1,017	254	2.58	394
	313	1.37½	3	561	187	766	255	1.79	427
Total	313	1.29	9	1,491	166	1,920	213	4.76	403
Machinist	313	2.00	1	282	282	565	565	0.90	627
Machinist's apprentice	313	.60	1	277	277	166	166	0.88	188
Oilers	313	.50	1	168	168	84	84	0.54	157
	313	.90	2	432	216	386	193	1.38	280
	313	1.00	8	572	72	572	72	1.83	313
Total	313	.89	11	1,172	107	1,042	95	3.75	278
Overseer, carding department	313	2.50	1	254	254	634	634	0.81	781
Overseer, cloth room	313	2.00	1	279	279	559	559	0.89	627
Overseer, spinning department	313	2.50	1	275	275	688	688	0.88	783
Overseer, weaving department	313	3.00	1	277	277	831	831	0.88	939
Packers	313	1.00	2	245	123	245	123	0.78	313
Picking-room hands	313	.60	1	25	25	15	15	0.08	188
	313	.65	2	182	91	118	59	0.58	203
	313	1.00	4	731	183	731	183	2.34	313
	313	1.06½	1	246	246	262	262	0.79	333
Total	313	.95	8	1,184	148	1,126	141	3.79	298
Railway hands	313	.30	2	289	145	92	46	0.92	100
	313	.35	5	452	90	159	32	1.44	110
	313	.40	2	42	21	17	9	0.13	127
Total	313	.34	9	783	87	268	30	2.49	107

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 12—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Second hands	313	$1.00	1	26	26	$26	$26	0.08	$313
	313	1.25	3	783	261	979	326	2.50	391
	313	2.00	1	276	276	552	552	0.88	626
Total	313	1.43½	5	1,085	217	1,557	311	3.46	449
Slasher tender	313	1.50	1	271	271	406	406	0.87	469
Slasher tender's helper	313	1.00	1	254	254	254	254	0.81	313
Speeders	313	.69	21	2,284	109	1,579	75	7.30	216
Spinners, frame	313	.15	1	32	32	5	5	0.10	49
	313	.30	3	463	154	135	45	1.48	91
	313	.35	2	375	188	133	67	1.20	111
	313	.40	5	936	187	377	75	2.99	126
	313	.45	2	438	219	202	101	1.40	144
	313	.50	2	522	261	262	131	1.67	157
	313	.55	6	954	159	521	87	3.05	171
	313	.60	3	520	173	314	105	1.66	189
	313	.70	15	2,207	147	1,554	104	7.05	220
	313	.80	3	413	138	332	111	1.32	252
Total	313	.56	42	6,860	163	3,835	91	21.92	175
Spoolers	313	.38½	2	65	33	25	13	0.21	120
	313	.50	2	54	27	26	13	0.17	151
	313	.55	7	1,008	144	564	81	3.22	175
	313	.61½	13	2,197	169	1,345	103	7.02	192
	313	.67½	3	149	50	99	33	0.48	208
Total	313	.59½	27	3,473	129	2,059	76	11.10	186
Sweepers	313	.20	3	251	84	50	17	0.80	62
	313	.25	10	1,035	104	261	26	3.31	79
	313	.30	3	59	20	18	6	0.19	95
	313	.35	2	145	73	50	25	0.46	108
	313	.50	1	32	32	16	16	0.10	157
Total	313	.26	19	1,522	80	395	21	4.86	81
Teamster	313	1.25	1	302	302	377	377	0.96	391
Twisters	313	.40	2	313	157	130	65	1.00	130
	313	.55	1	187	187	101	101	0.60	169
	313	.60	6	507	85	310	52	1.62	191
	313	.70	13	2,299	177	1,599	123	7.35	218
	313	.77½	2	124	62	97	49	0.40	245
	313	1.25	1	267	267	333	333	0.85	390
Total	313	.69½	25	3,697	148	2,570	103	11.82	218
Tying-in girls	313	.29½	7	1,208	173	357	51	3.86	93
Warpers	313	.70	2	458	229	333	167	1.46	228
	313	1.25	3	647	216	797	266	2.07	386
Total	313	1.02½	5	1,105	221	1,130	226	3.53	320
Watchman	365	1.25	1	333	333	416	416	0.91	456
Weavers	313	.46	50	6,619	132	3,040	61	21.15	144
	313	.67	50	7,803	156	5,244	105	24.93	210
	313	.93	23	3,163	138	2,940	128	10.11	291
	313	1.13	9	1,683	187	1,901	211	5.38	354
Total	313	.68	132	19,268	146	13,125	99	61.57	213
The establishment		.72½	417	62,510	150	45,212	108	199.54	227

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 13.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Baler	156	$1.23	1	144	144	$177	$177	0.92	$192
Beamer	156	1.50	1	139	139	209	209	0.89	235
Brusher	156	.90	1	136	136	122	122	0.87	140
Card grinders	156	1.35	4	577	144	779	195	3.70	211
Card strippers	156	1.08	3	426	142	460	153	2.73	168
Carders	156	.62	5	590	118	368	74	3.78	97
	156	.69	1	140	140	96	96	0.90	107
	156	.78	1	142	142	111	111	0.91	122
Total	156	.66	7	872	125	575	82	5.59	103
Carpenter	156	1.75	1	64	64	112	112	0.41	273
Cloth inspectors	156	.62	1	135	135	84	84	0.87	97
	156	.75	1	143	143	107	107	0.92	117
Total	156	.68½	2	278	139	191	96	1.79	107
Doffers	156	.24	3	63	21	15	5	0.40	37
	156	.28	29	2,728	94	762	26	17.49	44
	156	.30	3	158	53	47	16	1.01	46
	156	.38	3	272	91	101	34	1.74	58
Total	156	.28½	38	3,221	85	925	24	20.64	45
Doffers, head	156	.65	1	96	96	62	62	0.62	101
	156	.70	1	142	142	99	99	0.91	109
	156	.75	1	153	153	115	115	0.98	117
Total	156	.70½	3	391	130	276	92	2.51	110
Drawers-in	156	.50	11	1,085	99	541	49	6.96	78
	156	.70½	7	868	124	614	88	5.56	110
Total	156	.59	18	1,953	109	1,155	64	12.52	92
Drawing-frame tenders	156	.48	4	105	26	51	13	0.67	76
	156	.54	3	314	105	168	56	2.01	83
	156	.56	1	143	143	80	80	0.92	87
	156	.62	1	55	55	34	34	0.35	96
Total	156	.54	9	617	69	333	37	3.95	84
Elevator hand	156	.65	1	55	55	36	36	0.35	102
Filling carriers	156	.58	2	282	141	164	82	1.81	91
	156	.90	1	145	145	130	130	0.93	140
Total	156	.69	3	427	142	294	98	2.74	107
Fireman	156	1.00	1	142	142	142	142	0.91	156
Folders	156	.70	1	144	144	100	100	0.92	108
	156	1.00	1	144	144	144	144	0.92	156
Total	156	.81½	2	288	144	244	122	1.84	132
Gateman	156	1.00	1	147	147	147	147	0.94	156
Laborers	156	1.00	5	407	81	407	81	2.61	156
	156	1.20	1	144	144	173	173	0.92	187
Total	156	1.05½	6	551	92	580	97	3.53	164

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 13—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Loom fixers	156	$1.20	1	144	144	$173	$173	0.92	$187
	156	1.25	3	433	144	542	181	2.77	195
	156	1.50	2	288	144	432	216	1.85	234
Total	156	1.32½	6	865	144	1,147	191	5.54	207
Machinists	156	1.50	1	147	147	220	220	0.94	233
	156	2.00	2	297	149	596	298	1.90	313
	156	2.25	1	137	137	308	308	0.88	351
Total	156	1.93½	4	581	145	1,124	281	3.72	302
Oilers	156	.80	1	146	146	116	116	0.94	124
	156	1.00	1	146	146	146	146	0.94	156
Total	156	.89½	2	292	146	262	131	1.88	140
Overseer, carding department	156	2.50	1	143	143	358	358	0.92	391
Overseer, cloth room	156	2.00	1	86	86	172	172	0.55	312
Overseer, spinning department	156	2.25	1	143	143	327	327	0.92	357
Overseer, spooling department	156	1.87	1	143	143	267	267	0.92	291
Overseer, weaving department	156	2.50	1	148	148	370	370	0.95	390
Picking-room hands	156	.90	2	140	70	126	63	0.90	140
	156	1.00	3	419	140	419	140	2.69	156
	156	1.23	1	142	142	175	175	0.91	192
Total	156	1.02½	6	701	117	720	120	4.50	160
Piecers	156	.48	2	271	136	130	65	1.74	75
	156	.60	1	135	135	81	81	0.87	94
Total	156	.52	3	406	135	211	70	2.61	81
Railway hands	156	.48	2	268	134	129	65	1.72	75
Roving carriers	156	.54	1	142	142	77	77	0.91	85
	156	.85	1	144	144	122	122	0.92	132
Total	156	.69½	2	286	143	199	100	1.83	109
Second hands	156	1.25	1	144	144	180	180	0.92	195
	156	1.50	2	291	146	437	219	1.87	234
	156	1.75	1	145	145	254	254	0.93	273
Total	156	1.50	4	580	145	871	218	3.72	234
Slasher tender	156	1.12	1	152	152	170	170	0.97	174
Slasher tender's helpers	156	.62	2	149	75	93	47	0.96	97
	156	.68	1	137	137	93	93	0.88	106
Total	156	.65	3	286	95	186	62	1.84	101
Speeders	156	.72½	16	1,653	103	1,198	75	10.60	113
	156	.86½	6	824	137	711	119	5.28	135
Total	156	.77	22	2,477	113	1,909	87	15.88	120
Spinners, frame	156	.41	9	893	99	365	41	5.72	64
	156	.55	14	1,467	105	807	58	9.40	86
	156	.62	6	708	118	436	73	4.54	96
	156	.69	17	1,709	101	1,176	69	10.96	107
	156	.77	1	144	144	111	111	0.92	120
	156	.82	2	138	69	113	57	0.88	128
Total	156	.59½	49	5,059	103	3,008	61	32.42	93

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 13—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Spoolers	156	$0.66½	8	996	125	$660	$83	6.38	$103
	156	.80½	5	700	140	563	113	4.49	125
Total	156	.72	13	1,696	130	1,223	94	10.87	112
Sweeper	156	.48	1	139	139	67	67	0.89	75
Twisters	156	.81	1	142	142	115	115	0.91	126
	156	1.30	1	141	141	183	183	0.99	202
Total	156	1.05½	2	283	142	298	149	1.81	164
Warpers	156	.65½	8	903	113	592	74	5.79	102
	156	1.00	2	250	125	250	125	1.60	156
Total	156	.73	10	1,153	115	842	84	7.39	114
Waste picker	156	.50	1	143	143	72	72	0.92	79
Watchmen	182	1.00	2	361	181	361	181	1.98	182
Weavers	156	.78½	57	5,965	105	4,683	82	38.24	122
	156	.94½	32	3,625	113	3,432	107	23.24	148
	156	1.29½	2	246	123	319	160	1.58	202
Total	156	.85½	91	9,836	108	8,434	93	63.06	134
Winders	156	.40	6	654	109	261	44	4.19	62
	156	.55	1	142	142	77	77	0.91	85
	156	.69	1	119	119	82	82	0.76	107
Total	156	.46	8	915	114	420	53	5.86	72
The establishment		.79½	339	37,570	111	29,904	88	240.50	124

ESTABLISHMENT No. 15.

Back boys	156	$0.70	12	1,127	94	$806	$67	7.22	$112
	156	.76	1	107	107	79	79	0.69	115
	156	.84	16	1,575	98	1,352	85	10.10	134
	156	.92	5	117	23	106	21	0.75	141
Total	156	.80	34	2,926	86	2,343	69	18.76	125
Balers	156	.90	1	154	154	140	140	0.99	142
	156	1.50	1	160	160	243	243	1.03	237
Total	156	1.22	2	314	157	383	192	2.02	190
Band fixers	156	.55	1	122	122	67	67	0.78	86
	156	.69	1	55	55	38	38	0.35	108
	156	.83½	1	152	152	117	117	0.97	120
Total	156	.67½	3	329	110	222	74	2.10	105
Bobbin boys	156	.73½	2	117	59	86	43	0.75	115
Card grinders	156	1.35	9	1,219	135	1,655	184	7.81	212
	156	1.40	1	153	153	218	218	0.98	222
Total	156	1.36½	10	1,372	137	1,873	187	8.79	213
Card strippers	156	1.05	24	1,359	57	1,435	60	8.71	165
	156	1.10	12	504	42	549	46	3.23	170
Total	156	1.06½	36	1,863	52	1,984	55	11.94	166

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 15—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Carpenters	156	$1.41	1	61	61	$86	$86	0.39	$220
	156	2.00	1	92	92	184	184	0.59	312
	156	2.50	1	164	164	410	410	1.05	390
Total	156	2.14½	3	317	106	680	227	2.03	335
Cleaners	156	.38	4	171	43	66	17	1.10	60
	156	.45	1	160	160	71	71	1.03	69
	156	.50	3	82	27	40	13	0.53	76
	156	.55	1	62	62	33	33	0.40	83
Total	156	.44	9	475	53	210	23	3.06	69
Coal wheelers	182	1.25	3	343	114	433	144	1.88	230
	182	1.30	1	24	24	31	31	0.13	235
Total	182	1.26½	4	367	92	464	116	2.01	230
Doffers	156	.53⅓	24	1,594	66	854	36	10.22	84
	156	.72	34	1,874	55	1,349	40	12.01	112
	156	.95	22	1,388	63	1,322	60	8.90	149
Total	156	.72½	80	4,856	61	3,525	44	31.13	113
Drawers-in	156	(a)	26	(a)	(a)	2,582	99	(a)	(a)
Drawing-frame tenders	156	.80	15	1,154	77	931	62	7.40	126
	156	.84	3	102	34	84	28	0.65	128
Total	156	.81	18	1,256	70	1,015	56	8.05	126
Elevator hands	156	1.00	2	307	154	311	156	1.97	158
	156	1.05	2	154	77	164	82	0.99	166
Total	156	1.03	4	461	115	475	119	2.96	161
Engineers	156	2.50	1	156	156	399	399	1.00	399
	156	4.00	1	144	144	576	576	0.92	624
Total	156	3.25	2	300	150	975	488	1.92	507
Engineers' helper	156	1.04	1	164	164	171	171	1.05	163
Filling carriers	156	1.01½	4	457	114	463	116	2.93	158
Firemen	182	1.35	3	364	121	498	166	2.00	249
	182	1.50	3	536	179	812	271	2.95	276
Total	182	1.45½	6	900	150	1,310	218	4.95	265
Folders	156	1.49	3	462	154	689	230	2.96	233
Laborers	156	.80	4	205	51	166	42	1.31	126
	156	.84	1	19	19	16	16	0.12	131
	156	1.25	7	90	13	112	16	0.58	194
Total	156	.93½	12	314	26	294	25	2.01	146
Loom fixers	156	1.78½	26	2,287	88	4,081	157	14.66	278
Machinists	182	1.25	1	159	159	201	201	0.87	230
	182	1.35	1	53	53	71	71	0.29	244
	182	1.78	4	566	142	1,018	255	3.11	327
	182	1.86	1	191	191	354	354	1.05	337
	182	2.25	1	165	165	372	372	0.91	410

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 15—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Machinists—concluded	182	$2.50	1	197	197	$499	$499	1.08	$461
	182	3.00	1	79	79	236	236	0.43	544
Total	182	1.95	10	1,410	141	2,751	275	7.74	355
Mason	156	2.00	1	43	43	85	85	0.28	308
Oilers	156	.90	1	141	141	128	128	0.90	142
	156	.95	2	253	127	245	123	1.62	151
	156	1.00	3	227	76	229	76	1.46	157
	156	1.05	1	54	54	56	56	0.35	162
	156	1.35	1	154	154	211	211	0.99	214
Total	156	1.05	8	829	104	869	109	5.32	164
Overseers, carding department	156	1.67	1	65	65	109	109	0.42	262
	156	2.50	1	89	89	223	223	0.57	391
Total	156	2.15½	2	154	77	332	166	0.99	336
Overseer, cloth room	156	2.25	1	154	154	347	347	0.99	352
Overseers, spinning department.	156	3.00	1	154	154	462	462	0.99	468
	156	3.50	1	154	154	539	539	0.99	546
Total	156	3.25	2	308	154	1,001	501	1.98	507
Overseer, spooling department	156	3.50	1	154	154	539	539	0.99	546
Overseers, weaving department.	156	4.50	2	219	110	986	493	1.40	702
Overseer and second hand	156	2.44	1	154	154	376	376	0.99	381
Painter	156	1.66½	1	157	157	264	264	1.01	262
Picking-room hands	156	.80	18	947	53	766	43	6.07	126
	156	.84	5	113	23	94	19	0.72	130
	156	.95	2	302	151	291	146	1.94	150
	156	1.00	15	515	34	525	35	3.30	159
	156	1.05	7	515	74	544	78	3.30	165
	156	1.10	2	88	44	96	48	0.56	170
	156	1.50	1	154	154	231	231	0.99	234
	156	1.66½	1	172	172	282	282	1.10	256
Total	156	1.01	51	2,806	55	2,829	55	17.98	157
Quiller	156	1.00	1	75	75	76	76	0.48	158
Repairers	156	1.35	2	30	15	40	20	0.19	208
Roving carriers	156	.75	1	16	16	12	12	0.10	117
	156	.85	2	133	67	113	57	0.85	133
Total	156	.84	3	149	50	125	42	0.95	131
Scrubbers	156	.60	11	848	77	515	47	5.44	95
	156	.85	4	614	154	528	132	3.94	134
Total	156	.71½	15	1,462	97	1,043	70	9.38	111
Second hands	156	.88	1	12	12	11	11	0.08	143
	156	1.50	1	154	154	234	234	0.99	237
	156	1.67	8	1,109	139	1,872	234	7.11	263
	156	1.92	4	615	154	1,188	297	3.94	301
Total	156	1.75	14	1,890	135	3,305	236	12.12	273
Slasher tenders	156	1.60	7	917	131	1,486	212	5.88	253
Slasher tenders' helpers	156	1.05	2	123	62	129	65	0.79	164

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 15—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Speeders, coarse	156	(a)	14	(a)	(a)	$1,551	$111	(a)	(a)
Speeders, fine	156	(a)	61	(a)	(a)	4,776	78	(a)	(a)
Speeders, intermediate	156	(a)	35	(a)	(a)	2,386	68	(a)	(a)
Spinners, frame	156	(a)	80	(a)	(a)	4,028	50	(a)	(a)
Spinners, mule	156	$1.57½	10	916	92	1,443	144	5.87	$246
	156	1.81¼	41	4,903	120	8,904	217	31.43	283
	156	1.96⅔	4	467	117	918	230	2.99	307
Total	156	1.79	55	6,286	114	11,265	205	40.29	280
Spinner and sweeper	156	.93½	1	16	16	15	15	0.10	146
Spoolers	156	(a)	96	(a)	(a)	5,102	53	(a)	(a)
Sweepers	156	.30	6	176	29	55	9	1.13	49
	156	.35	6	378	63	138	23	2.42	57
	156	.40	10	347	35	135	14	2.22	61
	156	.48	3	128	43	61	20	0.82	74
	156	.52½	9	383	43	202	22	2.46	82
Total	156	.42	34	1,412	42	591	17	9.05	65
Teamster	156	1.50	1	152	152	228	228	0.97	234
Third hands	156	.84	1	88	88	74	74	0.56	131
	156	.88	1	14	14	12	12	0.09	134
	156	1.00	3	327	109	328	109	2.10	156
	156	1.04	4	224	56	235	59	1.44	164
	156	1.09	3	102	34	110	37	0.65	168
Total	156	1.00½	12	755	63	759	68	4.84	157
Trimmers	156	(a)	11	(a)	(a)	1,138	103	(a)	(a)
Tubers	156	.37½	10	768	77	292	29	4.92	59
	156	.40⅓	8	416	52	175	22	2.67	66
Total	156	.39½	18	1,184	66	467	26	7.59	62
Warpers	156	(a)	19	(a)	(a)	1,782	94	(a)	(a)
Waste hands	156	.80	2	28	14	22	11	0.18	123
	156	.84	1	61	61	50	50	0.39	128
Total	156	.81	3	89	30	72	24	0.57	126
Watchmen	182	1.00	2	148	74	150	75	0.81	184
	182	1.35	3	389	130	533	178	2.14	249
Total	182	1.27	5	537	107	683	137	2.95	231
Weavers	156	(a)	841	(a)	(a)	57,358	68	(a)	(a)
Winders	156	.35½	4	98	25	35	9	0.63	56
Yarn hands	156	1.04	3	154	51	162	54	0.99	164
The establishment	.....	(b)	1,702	(b)	(b)	c132,806	78	(b)	(b)

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.
c The earnings here shown are for six months only. The statement for this establishment on page 30 is for one year.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 17.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Band fixers	313	$1.60	4	433	108	$426	$107	1.38	$308
	313	1.05	4	828	207	864	216	2.65	327
	313	1.08½	2	178	89	194	97	0.57	341
Total	313	1.03	10	1,439	144	1,484	148	4.60	323
Card grinders	313	1.37½	4	575	144	771	193	1.84	420
	313	1.43	6	728	121	1,042	174	2.33	448
Total	313	1.39	10	1,303	130	1,813	181	4.17	436
Card strippers	313	1.05	4	186	47	194	49	0.59	326
	313	1.10	19	745	39	810	43	2.38	340
Total	313	1.08	23	931	40	1,004	44	2.97	338
Card stripper and drawing-frame tender.	313	.84½	1	135	135	114	114	0.43	264
Cleaners	313	.55	1	162	162	89	89	0.52	172
	313	.58½	2	387	194	229	115	1.24	185
	313	.70	1	291	291	205	205	0.93	220
	313	.85	11	915	83	778	71	2.92	266
Total	313	.74	15	1,755	117	1,301	87	5.61	232
Coal wheeler	313	1.25	1	297	297	369	369	0.95	389
Doffers	313	.31½	3	69	23	22	7	0.22	100
	313	.40	4	525	131	218	55	1.68	130
	313	.60	5	342	68	207	41	1.09	189
	313	.62	5	885	177	549	110	2.83	194
	313	.63½	4	215	54	136	34	0.69	198
	313	.65	10	1,862	186	1,226	123	5.95	206
	313	.68½	14	2,133	152	1,451	104	6.81	213
Total	313	.63	45	6,031	134	3,809	85	19.27	198
Drawers-in	313	(a)	18	(a)	(a)	3,184	177	(a)	(a)
Drawing-frame tenders	313	.55	4	245	61	133	33	0.78	170
	313	.58	17	791	47	471	28	2.53	186
	313	.72	11	1,006	91	714	65	3.21	222
	313	.75	10	686	69	512	51	2.19	234
Total	313	.67	42	2,728	65	1,830	44	8.71	210
Engineer	313	3.16½	1	310	310	963	963	0.99	972
Firemen	365	1.52½	3	378	126	576	192	1.04	556
Folders	313	(a)	3	(a)	(a)	451	150	(a)	(a)
Laborers	313	.50½	6	444	74	225	38	1.42	159
	313	.60	1	78	78	46	46	0.25	185
	313	.66½	1	6	6	4	4	0.02	209
	313	.75	4	348	87	265	66	1.11	238
	313	.83½	7	651	93	544	78	2.08	262
	313	.91½	1	61	61	54	54	0.19	277
	313	1.00	3	246	82	248	83	0.79	316
	313	1.04	1	100	100	104	104	0.32	326
	313	1.08½	1	326	326	347	347	1.04	333
	313	1.12½	1	256	256	283	283	0.82	346
	313	1.33½	1	222	222	299	299	0.71	422
Total	313	.88½	27	2,738	101	2,419	90	8.75	277

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 17—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Loom fixers	313	$1.52½	21	1,012	48	$1,542	$73	3.23	$477
	313	1.77½	10	1,041	104	1,847	185	3.33	555
	313	1.88½	5	302	60	570	114	0.96	591
Total	313	1.68	36	2,355	65	3,959	110	7.52	526
Machinists	313	1.75	2	604	302	1,059	530	1.93	549
	313	1.83½	1	306	306	569	569	0.98	582
Total	313	1.79	3	910	303	1,628	543	2.91	560
Oilers	313	.58½	1	23	23	13	13	0.07	177
	313	.65	1	80	80	51	51	0.26	200
	313	.70	5	382	76	274	55	1.22	225
	313	.75	5	332	66	248	50	1.06	234
	313	.87½	4	149	37	129	32	0.48	271
	313	.90	5	95	19	86	17	0.30	283
Total	313	.75½	21	1,061	51	801	38	3.39	236
Overseer, carding department	313	3.33½	1	305	305	1,008	1,008	0.97	1,034
Overseer, cloth room	313	3.20	1	305	305	976	976	0.97	1,002
Overseers, picking department	313	1.25	1	81	81	101	101	0.26	390
	313	1.30	1	111	111	143	143	0.35	403
Total	313	1.27	2	192	96	244	122	0.61	398
Overseer, spinning department	313	3.50	1	305	305	1,047	1,047	0.97	1,074
Overseer, weaving department	313	3.33½	1	303	303	1,000	1,000	0.97	1,033
Picking-room hands	313	.54½	2	11	6	6	3	0.04	171
	313	.75	43	1,035	24	766	18	3.31	232
	313	1.00	4	158	40	162	41	0.59	321
Total	313	.77½	49	1,204	25	934	19	3.85	243
Roving carriers	313	.80	3	196	65	158	53	0.63	252
	313	.83½	2	178	89	148	74	0.57	260
Total	313	.82	5	374	75	306	61	1.20	256
Scrubbers	313	.75	5	57	11	42	8	0.18	231
	313	.83½	1	99	99	83	83	0.32	262
	313	.85	4	222	56	187	47	0.71	264
	313	.87½	1	49	49	43	43	0.16	275
Total	313	.83	11	427	39	355	32	1.37	260
Second hands	313	1.10	2	14	7	15	8	0.04	335
	313	1.25	1	195	195	234	234	0.62	376
	313	1.41½	2	339	170	479	240	1.08	442
	313	1.58½	1	69	69	109	109	0.22	494
	313	1.66½	3	355	118	584	195	1.13	515
	313	1.91½	1	161	161	313	313	0.51	609
	313	2.01	3	445	148	895	298	1.42	630
Total	313	1.66½	13	1,578	121	2,629	202	5.02	521
Slasher tenders	313	1.75	2	611	306	1,046	523	1.95	533
Speeders, coarse	313	1.28	11	1,085	99	1,387	126	3.47	400
Speeders, fine	313	1.19½	16	835	56	1,071	67	2.86	375
	313	1.38	32	2,870	90	3,959	124	9.17	432
Total	313	1.33½	48	3,765	73	5,030	105	12.03	418

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 17—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Speeders, intermediate	313	$0.70	6	83	14	$58	$10	0.27	$219
	313	.93½	2	388	194	363	182	1.24	293
	313	1.38	8	1,128	141	1,555	194	3.60	431
	313	1.41½	2	294	147	416	208	0.94	443
Total	313	1.26½	18	1,893	105	2,392	133	6.05	396
Spinners, frame	313	.48	32	1,892	59	907	28	6.04	150
	313	.65	39	6,185	159	4,023	103	19.76	204
	313	.90	48	8,475	177	7,624	159	27.08	282
	313	1.04½	5	532	106	556	111	1.70	327
	313	1.42	1	189	189	268	268	0.60	444
Total	313	.77½	125	17,273	138	13,378	107	55.18	242
Spoolers	313	(a)	68	(a)	(a)	5,007	74	(a)	(a)
Sweepers	313	.37½	15	1,701	113	640	43	5.43	118
Trimmers	313	(a)	10	(a)	(a)	1,148	115	(a)	(a)
Warpers	313	(a)	17	(a)	(a)	1,587	93	(a)	(a)
Watchmen	313	1.25	1	305	305	365	365	0.97	375
	365	1.28½	4	711	178	915	229	1.95	470
	365	1.32½	1	74	74	100	100	0.20	493
Total	349	1.26½	6	1,090	182	1,380	230	3.12	442
Weavers	313	.81	57	1,502	26	1,219	21	4.80	254
	313	1.00⅝	65	2,236	34	2,245	35	7.14	314
	313	1.23⅜	180	11,413	63	14,079	78	36.46	386
	313	1.55	161	11,857	74	18,388	114	37.88	485
	313	1.67	62	10,532	170	17,566	283	33.65	522
Total	313	1.42⅛	525	37,540	72	53,497	102	119.93	446
The establishment	------	(b)	1,188	(b)	(b)	c120,696	102	(b)	(b)

ESTABLISHMENT No. 19.

Back boys	156	$0.30	4	99	25	$30	$8	0.63	$47
	156	.46	6	369	62	179	30	2.37	76
	156	.62	17	1,306	77	805	47	8.37	96
	156	.67	8	914	114	612	77	5.86	104
	156	.72	5	310	62	219	44	1.99	110
Total	156	.61½	40	2,998	75	1,845	46	19.22	96
Balers	156	1.20	1	153	153	183	183	0.98	187
	156	1.25	1	153	153	191	191	0.98	195
Total	156	1.22	2	306	153	374	187	1.96	191
Band fixers	156	.44	2	166	83	76	38	1.06	71
	156	.70	1	91	91	64	64	0.58	110
	156	1.12	5	294	59	325	65	1.88	172
Total	156	.84½	8	551	69	465	58	3.52	132

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.
c The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 19—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Blacksmith	156	$2.00	1	161	161	$320	$320	1.03	$310
Boiler tenders	156	1.25	3	389	123	461	154	2.37	195
Card grinders	156	1.42	21	1,169	56	1,666	79	7.49	222
Card strippers	156	1.15	17	1,646	97	1,893	111	10.55	179
Carpenters	156	1.23	1	142	142	177	177	0.91	194
	156	1.34	1	15	15	21	21	0.10	218
	156	1.75	1	30	30	53	53	0.19	276
	156	2.00	1	164	164	327	327	1.05	311
Total	156	1.64½	4	351	88	578	145	2.25	257
Cleaners	156	.52	5	329	66	171	34	2.11	81
	156	.57	8	411	51	234	29	2.63	89
Total	156	.54⅓	13	740	57	405	31	4.74	85
Cloth inspector	156	1.20	1	153	153	183	183	0.98	187
Coal wheelers	156	1.25	11	341	31	431	39	2.19	197
Combers	156	.52	2	110	55	57	29	0.71	81
	156	.73⅓	10	425	43	318	32	2.72	117
	156	1.10	1	18	18	20	20	0.12	173
	156	1.15	1	99	99	114	114	0.63	180
	156	1.22½	4	524	131	642	161	3.36	191
	156	2.00	1	149	149	293	293	0.96	307
Total	156	1.09	19	1,325	70	1,444	76	8.50	170
Doffers	156	.41	1	29	29	12	12	0.19	65
	156	.50	5	107	21	54	11	0.69	79
	156	.56	10	691	69	386	39	4.43	87
	156	.66	6	321	54	213	36	2.06	104
	156	.72	9	665	74	475	53	4.26	111
	156	.74	4	555	139	411	103	3.56	116
	156	.77	13	1,346	104	1,034	80	8.63	120
	156	.88	9	598	66	526	58	3.83	137
	156	1.00	3	157	52	163	54	1.01	162
Total	156	.73½	60	4,469	74	3,274	55	28.66	114
Drawers-in	156	.66½	2	111	56	74	37	0.71	104
	156	.90½	7	889	127	805	115	5.70	141
	156	1.19	5	642	128	763	153	4.12	185
	156	1.40½	2	263	132	370	185	1.69	219
	156	(a)	12	(a)	(a)	997	83	(a)	(a)
Total	156	(b)	28	(b)	(b)	3,009	107	(b)	(b)
Drawing-frame tenders	156	.84	8	461	58	390	49	2.96	132
	156	.94	7	607	87	574	82	3.89	148
	156	1.00	3	287	96	282	94	1.84	153
	156	1.05	1	151	151	159	159	0.97	164
	156	1.20	3	439	146	527	176	2.81	187
Total	156	.99½	22	1,945	88	1,932	88	12.47	155
Elevator hands	156	1.05	1	150	150	158	158	0.96	164
	156	1.15	3	285	95	328	109	1.83	180
Total	156	1.11½	4	435	109	486	122	2.79	174
Engineers	156	2.60	1	156	156	406	406	1.00	406
	156	3.00	1	156	156	468	468	1.00	468
Total	156	2.80	2	312	156	874	437	2.00	437

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 19—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Filling carriers	156	$1.08	4	298	75	$324	$81	1.91	$170
	156	1.12	2	178	89	200	100	1.14	175
Total	156	1.10	6	476	79	524	87	3.05	172
Firemen	156	1.50	2	353	177	529	265	2.26	234
Folders	156	1.20	2	272	136	326	163	1.74	187
Foreman, yard hands	156	1.50	1	164	164	246	246	1.05	234
Harness hands	156	1.00	2	293	147	293	147	1.88	156
	156	1.15	1	151	151	173	173	0.97	179
	156	1.28	1	152	152	195	195	0.97	200
Total	156	1.11	4	596	149	661	165	3.82	173
Laborers	156	.92	3	152	51	139	46	0.97	143
	156	1.10	1	42	42	46	46	0.27	171
	156	1.21½	1	136	136	165	165	0.87	189
Total	156	1.06	5	330	66	350	70	2.11	165
Loom fixers	156	2.00	21	2,847	136	5,695	271	18.25	312
	156	2.08½	2	298	149	621	311	1.91	325
	156	3.20	1	155	155	496	496	0.99	499
Total	156	2.06½	24	3,300	138	6,812	284	21.15	322
Machinists	156	1.58½	2	12	6	19	10	0.08	247
	156	1.84	5	163	33	301	60	1.04	288
	156	2.00	1	160	160	325	325	1.03	317
Total	156	1.92½	8	335	42	645	81	2.15	300
Machinists' helpers	156	1.00	1	6	6	6	6	0.04	156
	156	1.25	4	344	86	437	109	2.21	198
	156	1.34	2	67	34	90	45	0.43	210
Total	156	1.28	7	417	60	533	76	2.68	199
Master machinist	156	4.32½	1	156	156	675	675	1.00	675
Oilers	156	.52	3	242	81	127	42	1.55	82
	156	.75	1	71	71	53	53	0.46	116
	156	1.05	6	648	108	681	114	4.15	164
	156	1.25	1	148	148	183	183	0.95	193
	156	1.35	1	152	152	205	205	0.97	210
	156	1.40	1	148	148	207	207	0.95	218
	156	1.60	3	160	53	256	85	1.03	250
Total	156	1.09	16	1,569	98	1,712	107	10.06	170
Overseer, carding department	156	6.00	1	153	153	917	917	0.98	935
Overseer, cloth room	156	3.00	1	153	153	458	458	0.98	467
Overseer, spinning department	156	6.50	1	153	153	993	993	0.98	1,012
Overseer, weaving department	156	6.28	1	153	153	961	961	0.98	980
Picking-room hands	156	1.05	3	415	138	436	145	2.66	164
	156	1.10	2	190	95	210	105	1.22	172
	156	1.12	1	118	118	133	133	0.76	176
	156	1.15	1	126	126	145	145	0.81	180
	156	1.20	2	223	112	267	134	1.43	187
	156	1.25	2	266	133	333	167	1.71	195
Total	156	1.14	11	1,338	122	1,524	139	8.59	178

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 19—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Pinning hands	156	$1.15	3	162	54	$188	$63	1.04	$181
Railway hands	156	.62	8	588	74	368	46	3.77	98
	156	.73	2	300	150	214	107	1.92	111
Total	156	.65½	10	888	89	582	58	5.69	102
Roving carriers	156	.72	3	217	72	157	52	1.39	113
	156	.80	1	24	24	19	19	0.15	124
	156	1.00	4	273	68	273	68	1.75	156
	156	1.10	1	110	110	121	121	0.71	172
	156	1.15	9	625	69	717	80	4.01	179
Total	156	1.03	18	1,249	69	1,287	72	8.01	161
Scrubbers	156	1.00	11	1,116	101	1,116	101	7.15	156
	156	1.04	9	782	87	815	91	5.01	163
Total	156	1.01½	20	1,898	95	1,931	97	12.16	159
Second hands	156	1.60	5	593	119	943	189	3.80	248
	156	1.85	7	666	95	1,231	176	4.27	288
	156	2.00	3	320	107	634	211	2.05	309
	156	2.16½	1	118	118	254	254	0.76	336
	156	2.25	3	302	101	680	227	1.94	351
	156	2.30	5	581	116	1,339	268	3.72	360
	156	2.45	1	153	153	374	374	0.98	381
Total	156	1.99½	25	2,733	109	5,455	218	17.52	311
Sewing-machine hands	156	.95	3	160	53	151	50	1.03	147
Shearer	156	1.15	1	117	117	135	135	0.75	180
Slasher tenders	156	1.68	3	380	127	638	213	2.44	262
	156	2.09	1	129	129	270	270	0.83	327
Total	156	1.78½	4	509	127	908	227	3.27	278
Slasher tender, head	156	2.30	1	151	151	347	347	0.97	358
Smash menders	156	1.41	3	327	109	478	159	2.10	228
	156	1.55	1	149	149	231	231	0.96	242
Total	156	1.49	4	476	119	709	177	3.06	232
Speeders, coarse	156	1.17½	14	892	64	1,048	75	5.72	183
	156	1.38½	2	264	132	365	183	1.69	216
Total	156	1.22	16	1,156	72	1,413	88	7.41	191
Speeders, fine	156	1.01½	7	146	21	148	21	0.94	158
	156	1.33	59	5,188	88	6,897	117	33.26	207
	156	1.43½	12	1,359	113	1,948	162	8.71	224
	156	1.66½	1	12	12	20	20	0.08	260
Total	156	1.34½	79	6,705	85	9,013	114	42.99	210
Speeders, intermediate	156	1.14½	32	1,875	59	2,143	67	12.02	178
	156	1.43	2	72	36	103	52	0.46	223
	156	1.58½	8	994	124	1,575	197	6.37	247
	156	1.75	4	367	92	643	161	2.35	273
Total	156	1.35	46	3,308	72	4,464	97	21.20	211
Spinners, frame	156	.50	4	67	17	34	9	0.43	79
	156	.60	5	295	59	169	34	1.89	89
	156	.67	3	115	38	79	26	0.74	107
	156	.75	16	617	39	459	29	3.96	116
	156	.86	8	324	41	277	35	2.08	133
	156	.88	4	469	117	415	104	3.01	138

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 19—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Spinners, frame—concluded	156	$0.93	14	1,222	87	$1,132	$81	7.83	$145
	156	.98	18	2,115	118	2,071	115	13.56	153
	156	1.00	10	694	69	695	70	4.45	156
	156	1.10	12	1,358	113	1,492	124	8.71	171
Total	156	.94	94	7,276	77	6,823	73	46.66	146
Spinners, mule	156	1.29½	1	135	135	175	175	0.87	202
	156	1.97	47	5,774	123	11,374	242	37.01	307
Total	156	1.95½	48	5,909	123	11,549	241	37.88	305
Spoolers	156	.85	70	5,313	76	4,519	65	34.06	133
Sweepers	156	.44	21	1,079	51	478	23	6.92	69
	156	.52	18	1,019	57	531	30	6.53	81
Total	156	.48	39	2,098	54	1,009	26	13.45	75
Teamster	156	1.75	1	154	154	270	270	0.99	274
Third hands	156	.78	2	153	77	119	60	0.98	121
	156	1.30	2	161	81	210	105	1.03	203
	156	1.40	4	427	107	597	149	2.74	218
	156	1.72	1	136	136	233	233	0.87	267
Total	156	1.32	9	877	97	1,159	129	5.62	206
Trimmers	156	.95	23	1,909	83	1,813	79	12.24	148
Tubers	156	.29	10	324	32	94	9	2.08	45
	156	.45	4	320	80	145	36	2.05	71
	156	.55	1	45	45	25	25	0.29	87
Total	156	.38½	15	689	46	264	18	4.42	60
Warpers	156	.94	1	119	119	112	112	0.76	147
	156	1.20	6	771	129	925	154	4.94	187
Total	156	1.16½	7	890	127	1,037	148	5.70	182
Waste hands	156	1.10	2	206	103	227	114	1.32	172
	156	1.15	2	101	51	116	58	0.65	179
Total	156	1.11½	4	307	77	343	86	1.97	174
Watchmen	182	1.25	13	234	18	293	23	1.29	228
	182	1.50	5	545	109	818	164	2.99	273
	182	1.75	1	182	182	319	319	1.00	319
Total	182	1.49	19	961	51	1,430	75	5.28	271
Weavers	156	.33½	1	6	6	2	2	0.04	52
	156	.69	5	316	63	218	44	2.03	108
	156	.97½	33	2,418	73	2,361	72	15.50	152
	156	1.19	119	8,909	75	10,588	89	57.11	185
	156	1.43	240	25,239	105	36,145	151	161.79	223
	156	1.64½	141	17,222	122	28,325	201	110.40	257
	156	1.85	19	1,743	92	3,227	170	11.17	289
	156	2.16½	1	6	6	13	13	0.04	338
Total	156	1.45	559	55,859	100	80,879	145	358.08	226
Yard hands	156	1.10	6	478	80	526	88	3.06	172
The establishment	.....	(a)	1,471	(a)	(a)	b175,710	119	(a)	(a)

a No total can be made for the reason shown in the preceding footnote a.
b The earnings here shown are for six months. The statement for this establishment on page 39 is for three months only.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 20.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Back boys	24	$0.33½	1	3	3	$1	$1	0.13	$8
	24	.44	6	101	17	44	7	4.21	10
	24	.46	4	56	14	26	7	2.33	11
	24	.52½	1	4	4	2	2	0.17	12
	24	.57½	9	207	23	119	13	8.63	14
	24	.66	4	95	24	62	16	3.96	16
	24	.69½	1	24	24	17	17	1.00	17
Total	24	.55½	26	490	19	271	10	20.43	13
Bobbin boys	24	.66	1	27	27	18	18	1.13	16
	24	.71½	1	19	19	14	14	0.79	18
Total	24	.69½	2	46	23	32	16	1.92	17
Card grinders	24	1.37½	4	93	23	128	32	3.88	33
Card strippers	24	.68	1	24	24	16	16	1.00	16
	24	1.02½	1	24	24	25	25	1.00	25
	24	1.04½	4	96	24	100	25	4.00	25
Total	24	.98	6	144	24	141	24	6.00	24
Doffers	24	.44	1	24	24	11	11	1.00	11
	24	.49½	2	30	15	15	8	1.25	12
	24	.52½	3	96	32	51	17	4.00	13
	24	.66½	2	47	24	31	16	1.96	16
	24	.70½	3	72	24	51	17	3.00	17
	24	.71½	1	27	27	19	19	1.13	17
Total	24	.60	12	296	25	178	15	12.34	14
Drawers-in	24	.86½	4	80	20	69	17	3.33	21
	24	1.15½	4	85	21	98	25	3.54	28
Total	24	1.01	8	165	21	167	21	6.87	24
Drawing-frame tenders	24	.68	4	71	18	48	12	2.96	16
Engineer	24	2.00	1	24	24	48	48	1.00	48
Filling carrier	24	1.00	1	24	24	24	24	1.00	24
Firemen	24	1.35	2	26	13	35	18	1.08	32
	24	1.60	1	24	24	38	38	1.00	38
Total	24	1.46	3	50	17	73	24	2.08	35
Folders	24	(a)	3	(a)	(a)	38	13	(a)	(a)
Laborers	24	1.10	8	187	23	206	26	7.79	26
Loom fixers	24	1.37½	1	24	24	33	33	1.00	33
	24	1.57	6	144	24	226	38	6.00	38
Total	24	1.54	7	168	24	259	37	7.00	37
Machinists	24	1.75	1	25	25	43	43	1.04	41
	24	2.00	1	24	24	48	48	1.00	48
	24	2.25	1	24	24	54	54	1.00	54
Total	24	1.98½	3	73	24	145	48	3.04	48
Oilers	24	1.00	2	45	23	45	23	1.88	24
Overseer	24	2.75	1	24	24	66	66	1.00	66
Overseer, carding department	24	2.75	1	24	24	66	66	1.00	66
Overseer, cloth room	24	1.83½	1	24	24	44	44	1.00	44
Overseer, spinning department	24	2.75	1	24	24	66	66	1.00	66
Overseer, weaving department	24	2.75	1	24	24	66	66	1.00	66

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 29—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Picking-room hands	24	$0.88	5	72	14	$63	$13	3.00	$21
	24	1.26½	1	24	24	30	30	1.00	30
Total	24	.97	6	96	16	93	16	4.00	23
Scrubbers	24	.66	1	24	24	16	16	1.00	16
	24	.82½	1	18	18	15	15	0.75	20
Total	24	.74	2	42	21	31	16	1.75	18
Second hands	24	1.12½	1	24	24	27	27	1.00	27
	24	1.25	1	24	24	30	30	1.00	30
	24	1.48½	1	22	22	33	33	0.92	36
	24	1.58½	1	24	24	38	38	1.00	38
	24	1.59½	3	69	23	110	37	2.88	38
	24	1.65	1	24	24	40	40	1.00	40
	24	1.74	1	24	24	42	42	1.00	42
Total	24	1.51½	9	211	23	320	36	8.80	36
Shafting hand	24	.88	1	22	22	19	19	0.92	21
Speeders, coarse	24	.85½	8	143	18	122	15	5.96	20
Speeders, fine	24	1.00½	12	214	18	215	18	8.92	24
	24	1.23½	1	17	17	21	21	0.71	30
Total	24	1.02	13	231	18	236	18	9.63	25
Speeders, intermediate	24	.89½	11	256	23	229	21	10.67	21
Spinners, frame	24	.65	19	164	9	107	6	6.83	16
Spinners, mule	24	1.39½	22	390	18	544	25	16.25	33
	24	1.58	18	340	19	538	30	14.17	38
Total	24	1.48	40	730	18	1,082	27	30.42	36
Spoolers	24	.50	5	92	18	46	9	3.83	12
	24	.76	22	476	22	361	16	19.83	18
	24	.89½	2	38	19	34	17	1.58	21
Total	24	.73	29	606	21	441	15	25.24	17
Sweepers	24	.42	2	47	24	20	10	1.96	10
Teamster	24	1.40	1	24	24	33	33	1.00	33
Third hands	24	1.54	2	18	9	28	14	0.75	37
Trimmers	24	(a)	5	(a)	(a)	69	14	(a)	(a)
Tubers	24	.33½	1	24	24	8	8	1.00	8
	24	.46	3	66	22	30	10	2.75	11
	24	.50	2	47	24	24	12	1.96	12
Total	24	.45½	6	137	23	62	10	5.71	11
Warpers	24	.99	5	119	24	118	24	4.96	24
	24	1.16	1	19	19	22	22	0.79	28
Total	24	1.01½	6	138	23	140	23	5.75	24
Watchmen	28	1.21	2	56	28	68	34	2.00	34
Weavers	24	.63½	8	131	16	83	10	5.46	15
	24	.92	28	202	9	241	9	10.92	22
	24	1.04½	124	2,525	20	2,638	21	105.21	25
	24	1.39	40	806	20	1,121	28	33.58	33
Total	24	1.09½	200	3,724	19	4,083	20	155.17	26
The establishment	-------	(b)	457	(b)	(b)	c 9,294	20	(b)	(b)

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.
c The earnings here shown are for four weeks only. The statement for this establishment on page 30 is for one year.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 22.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Back boys	313	$0.30	9	139	15	$43	$5	0.44	$97
	313	.40	3	101	34	42	14	0.32	130
	313	.45	9	288	32	128	14	0.92	139
	313	.50	25	811	32	413	17	2.59	159
	313	.55	82	5,010	61	2,792	34	16.01	174
	313	.60	77	7,450	97	4,432	58	23.80	186
	313	.65	21	2,497	119	1,622	77	7.98	203
	313	.70	31	2,242	72	1,567	51	7.16	219
	313	.75	6	1,000	167	743	124	3.19	233
	313	.80	7	766	109	615	88	2.45	251
	313	.85	3	276	92	233	78	0.88	264
	313	1.00	11	146	13	145	13	0.47	311
Total	313	.61½	284	20,726	73	12,775	45	66.21	193
Balers	313	.90	3	25	8	22	7	0.08	275
	313	.95	10	139	14	133	13	0.44	299
	313	1.00	19	1,267	67	1,269	67	4.05	313
	313	1.05	1	258	258	267	267	0.82	324
	313	1.10	2	551	276	601	301	1.76	341
	313	1.20	2	336	168	403	202	1.07	375
	313	1.30	1	275	275	356	356	0.88	405
Total	313	1.07	38	2,851	75	3,051	80	9.10	335
Band boys	313	.68½	2	258	129	177	89	0.82	215
Band fixers	313	1.05	1	321	321	340	340	1.03	332
	313	1.37½	2	8	4	11	6	0.03	430
	313	1.50	2	201	101	297	149	0.64	462
	313	1.75	1	211	211	369	369	0.67	547
	313	2.25	1	364	364	822	822	1.16	707
Total	313	1.66½	7	1,105	158	1,839	263	3.53	521
Blacksmiths	313	1.50	1	171	171	256	256	0.55	469
	313	1.75	1	122	122	214	214	0.39	549
	313	2.10	1	310	310	651	651	0.99	657
Total	313	1.86	3	603	201	1,121	374	1.93	582
Bobbin boys	313	1.00	15	1,719	115	1,731	116	5.49	315
Box maker	313	1.00	1	300	300	300	300	0.96	313
Call boys	313	.60	1	142	142	86	86	0.45	190
	313	.95	2	44	22	42	21	0.14	299
	313	1.00	3	258	86	261	87	0.82	317
	313	1.05	2	138	69	145	73	0.44	329
	313	1.10	1	142	142	154	154	0.45	339
Total	313	.95	9	724	80	688	76	2.30	297
Card clothiers	313	1.50	4	292	73	435	109	0.93	466
Card grinders	313	1.40	39	4,504	115	6,295	161	14.39	437
Card strippers	313	.94½	13	560	38	472	36	1.60	295
	313	1.05	167	8,959	54	9,400	56	28.62	328
Total	313	1.04½	180	9,459	53	9,872	55	30.22	327
Carders	313	1.15	2	268	134	312	156	0.86	364
	313	1.35	5	158	32	214	43	0.50	424
	313	1.40	4	698	175	1,000	250	2.23	448
	313	1.50	1	296	296	447	447	0.95	473
Total	313	1.39	12	1,420	118	1,973	164	4.54	435

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 22—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Cleaners	313	$0.30	1	3	3	$1	$1	0.01	$104
	313	.40	4	39	10	16	4	0.12	128
	313	.50	3	170	57	84	28	0.54	155
	313	.55	5	772	154	427	85	2.47	173
	313	.60	4	177	44	110	28	0.57	195
	313	.65	1	9	9	6	6	0.03	209
	313	.70	10	1,794	179	1,251	125	5.73	218
	313	.75	2	121	61	93	47	0.39	241
	313	.86½	1	30	30	26	26	0.10	271
	313	1.00	2	85	43	85	43	0.27	313
Total	313	.65½	33	3,200	97	2,099	64	10.23	205
Cloth inspectors	313	1.00	2	468	234	468	234	1.50	313
	313	1.20	3	431	144	521	174	1.38	378
	313	1.25	1	136	136	168	168	0.43	387
Total	313	1.12	6	1,035	173	1,157	193	3.31	350
Doffers	313	.24	9	150	17	36	4	0.48	75
	313	.45	12	134	11	60	5	0.43	140
	313	.50	20	624	31	318	16	1.99	160
	313	.55	38	3,849	101	2,131	56	12.30	173
	313	.60	26	1,912	74	1,145	44	6.11	187
	313	.65	40	3,413	85	2,236	56	10.90	205
	313	.70	110	9,734	88	6,771	62	31.10	218
	313	.75	25	2,638	106	1,975	79	8.43	234
	313	.80	14	1,076	77	858	61	3.44	250
	313	.85	7	420	60	356	51	1.34	265
	313	.90	2	190	95	173	87	0.61	285
	313	1.00	5	62	12	62	12	0.20	313
	313	1.05	1	273	273	287	287	0.87	329
Total	313	.67	309	24,475	79	16,408	53	78.20	210
Drawers-in	313	(a)	98	(a)	(a)	10,203	104	(a)	(a)
Drawing-frame tenders	313	.50	3	8	3	4	1	0.03	157
	313	.55	3	26	9	14	5	0.08	169
	313	.60	79	3,549	45	2,141	27	11.34	189
	313	.65	7	157	22	100	14	0.50	199
	313	.70	3	239	80	171	57	0.76	224
	313	.75	30	2,088	70	1,566	52	6.67	235
	313	.80	44	1,727	39	1,389	32	5.52	252
	313	.85	2	159	80	135	68	0.51	266
	313	1.00	3	20	7	20	7	0.06	313
Total	313	.69½	174	7,973	46	5,540	32	25.47	217
Dressers	313	1.45	18	3,252	181	4,716	262	10.39	454
Dressing-room hands	313	.83½	3	24	8	20	7	0.08	261
	313	1.00	39	700	18	701	18	2.24	313
	313	1.05	8	1,383	173	1,448	181	4.42	328
	313	1.10	1	222	222	246	246	0.71	347
	313	1.15	1	292	292	335	335	0.93	359
	313	1.20	1	244	244	288	288	0.78	369
	313	1.38½	2	94	47	130	65	0.30	433
Total	313	1.07	55	2,959	54	3,168	58	9.46	335
Elevator hands	313	.80	1	101	101	83	83	0.32	257
	313	1.00	3	312	104	313	104	1.00	314
	313	1.05	1	91	91	95	95	0.29	327
Total	313	.97½	5	504	101	491	98	1.61	305

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 22—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Folders and selectors	313	$0.80	1	5	5	$4	$4	0.02	$250
	313	.85	4	270	68	232	58	0.86	269
	313	.90	1	37	37	34	34	0.12	288
	313	.95	13	1,392	107	1,324	102	4.45	298
	313	(a)	36	(a)	(a)	4,342	121	(a)	(a)
Total	313	(b)	55	(b)	(b)	5,936	108	(b)	(b)
Foremen, repairers	313	2.50	1	355	355	883	886	1.13	781
	313	3.00	1	325	325	976	976	1.04	940
Total	313	2.74	2	680	340	1,862	931	2.17	857
Foreman, watchmen	365	3.00	1	338	338	1,014	1,014	0.93	1,095
Harness hands	313	1.00	3	563	188	563	188	1.80	313
Laborers	313	1.00	3	3	1	3	1	0.01	313
	313	1.25	3	470	157	585	195	1.50	390
	313	1.50	6	375	63	565	94	1.20	472
Total	313	1.36	12	848	71	1,153	96	2.71	426
Masons	313	2.26	2	349	175	788	394	1.12	707
Oil man	313	1.45	1	314	314	456	456	1.00	455
Oilers	313	.80	9	253	28	204	23	0.81	252
	313	.85	3	248	83	213	71	0.79	269
	313	.90	3	62	21	56	19	0.20	283
	313	.95	11	553	50	528	48	1.77	299
	313	1.00	76	2,892	38	2,894	38	9.24	313
	313	1.05	7	417	60	434	62	1.33	326
Total	313	.98	109	4,425	41	4,329	40	14.14	306
Overseers	313	1.90	1	243	243	462	462	0.78	595
	313	2.00	3	662	221	1,320	440	2.12	624
	313	2.75	2	617	309	1,692	846	1.97	858
	313	3.00	5	1,241	248	3,724	745	3.96	939
Total	313	2.60½	11	2,763	251	7,198	654	8.83	815
Overseers, assistant	313	1.10	1	298	298	328	328	0.95	345
	313	1.90	2	610	305	1,169	585	1.95	600
Total	313	1.65	3	908	303	1,497	499	2.90	516
Overseers, carding department	313	2.25	1	312	312	701	701	1.00	703
	313	3.00	2	615	308	1,844	922	1.96	938
Total	313	2.74½	3	927	309	2,545	848	2.96	859
Overseer, cloth room	313	3.00	1	305	305	914	914	0.97	938
Overseer, dressing room	313	3.00	1	307	307	920	920	0.98	938
Overseers, spinning department.	313	3.00	3	887	296	2,658	886	2.83	938
Overseer, spooling department	313	1.65	1	275	275	454	454	0.88	517
Overseers, weaving department.	313	1.50	2	604	302	907	454	1.93	470
	313	3.00	2	391	196	1,172	586	1.25	938
Total	313	2.09	4	995	249	2,079	520	3.18	654

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 22—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Painters	313	$1.15	1	23	23	$27	$27	0.07	$367
	313	1.25	11	447	41	559	51	1.43	391
	313	1.30	3	258	86	333	111	0.82	404
	313	1.35	1	8	8	11	11	0.03	430
	313	1.40	1	13	13	19	19	0.04	457
	313	1.50	2	353	177	529	265	1.13	469
	313	2.00	1	329	329	659	659	1.05	627
Total	313	1.49½	20	1,431	72	2,137	107	4.57	467
Picking-room hands	313	.85	5	314	63	267	53	1.00	266
	313	.95	5	283	57	271	54	0.90	300
	313	1.05	49	5,903	120	6,212	127	18.86	329
	313	1.10	3	687	229	746	249	2.19	340
	313	1.30	1	313	313	406	406	1.00	406
Total	313	1.05½	63	7,500	119	7,902	125	23.95	330
Pipers	313	1.82	4	781	195	1,423	356	2.50	570
Policeman	365	1.60	1	364	364	582	582	1.03	584
Railway hands	313	.80	8	590	74	472	59	1.88	250
Repairers	313	.95	1	313	313	295	295	1.00	295
	313	1.00	9	808	90	814	90	2.58	315
	313	1.05	1	297	297	309	309	0.95	326
	313	1.25	1	159	159	202	202	0.51	398
	313	1.30	1	299	299	384	384	0.96	402
	313	1.35	1	64	64	86	86	0.20	421
	313	1.40	3	1,006	335	1,411	470	3.21	439
	313	1.45	1	279	279	404	404	0.89	453
	313	1.50	1	287	287	430	430	0.92	469
	313	1.55	3	344	115	532	177	1.10	484
	313	1.60	7	764	109	1,220	174	2.44	500
	313	1.65	1	103	103	169	169	0.33	514
	313	1.70	4	938	235	1,593	398	3.00	532
	313	1.75	8	2,459	307	4,281	535	7.86	545
	313	1.80	2	548	274	998	499	1.75	570
	313	1.85	2	662	331	1,224	612	2.12	579
	313	1.90	1	374	374	723	723	1.19	605
	313	2.00	1	199	199	400	400	0.64	629
	313	2.40	3	3	1	7	2	0.01	730
Total	313	1.56½	51	9,906	194	15,482	304	31.66	489
Room girls	313	.80	3	68	23	53	18	0.22	244
	313	.90	9	348	39	313	35	1.11	282
	313	.95	74	4,502	61	4,281	58	14.38	298
	313	1.00	15	1,455	97	1,446	96	4.65	311
	313	1.05	12	1,352	113	1,421	118	4.32	329
Total	313	.97½	113	7,725	68	7,514	66	24.68	304
Roving carriers	313	.65	5	177	35	115	23	0.57	203
	313	.70	1	28	28	20	20	0.09	224
	313	.80	6	187	31	150	25	0.60	251
	313	.90	5	242	48	216	43	0.77	279
	313	.95	2	333	167	322	161	1.06	303
	313	1.00	22	1,277	58	1,284	58	4.08	315
	313	1.05	2	362	181	379	190	1.16	328
	313	1.50	1	292	292	438	438	0.93	470
Total	313	1.01	44	2,898	66	2,924	66	9.26	316
Scrubbers	313	.80	12	498	42	395	33	1.59	248
	313	.90	1	54	54	48	48	0.17	278
Total	313	.80½	13	552	42	443	34	1.76	251

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 22—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Second hands	313	$0.80	1	42	42	$34	$34	0.13	$253
	313	.90	1	218	218	192	192	0.70	276
	313	1.00	2	280	140	280	140	0.89	313
	313	1.33½	2	6	3	8	4	0.02	417
	313	1.50	5	597	119	906	181	1.91	475
	313	1.60	7	1,275	182	2,042	292	4.07	501
	313	1.90	20	4,290	215	8,138	407	13.71	594
	313	1.95	1	132	132	260	260	0.42	617
	313	2.00	2	603	302	1,200	600	1.93	623
	313	2.10½	1	301	301	633	633	0.96	658
Total	313	1.77	42	7,744	184	13,693	326	24.74	553
Selectors	313	.62½	1	11	11	7	7	0.04	199
	313	.90	2	67	34	61	31	0.21	285
	313	.95	3	318	106	303	101	1.02	298
Total	313	.93½	6	396	66	371	62	1.27	293
Speeders, coarse	313	(a)	88	(a)	(a)	7,243	82	(a)	(a)
Speeders, fine	313	(a)	199	(a)	(a)	14,355	72	(a)	(a)
Speeders, intermediate	313	(a)	64	(a)	(a)	3,972	62	(a)	(a)
Spinners, frame	313	.35	4	17	4	6	2	0.05	110
	313	.45	6	68	11	30	5	0.22	138
	313	.50	20	342	17	173	9	1.09	158
	313	.55	11	284	26	159	14	0.91	175
	313	.60	31	1,224	39	735	24	3.91	188
	313	.65	45	1,858	41	1,232	27	5.94	208
	313	.70	86	6,549	76	4,584	53	20.92	219
	313	.75	61	5,416	89	4,134	68	17.30	239
	313	.80	111	10,900	98	8,654	78	34.82	249
	313	.85	33	4,738	144	4,013	122	15.14	265
	313	.90	4	617	154	562	141	1.97	285
	313	.95	2	368	184	347	174	1.18	295
	313	1.00	1	278	278	278	278	0.89	313
Total	313	.76½	415	32,659	79	24,907	60	104.34	239
Spinners, mule	313	(a)	242	(a)	(a)	23,565	97	(a)	(a)
Spoolers	313	(a)	368	(a)	(a)	20,246	55	(a)	(a)
Springers	313	.94	2	323	162	303	152	1.03	294
Stampers	313	.60	2	153	77	92	46	0.49	188
	313	1.15	1	199	199	231	231	0.64	363
Total	313	.92	3	352	117	323	108	1.13	287
Steam and water power hands	365	1.00	1	21	21	21	21	0.06	365
	365	1.10	1	332	332	377	377	0.91	414
	365	1.25	1	334	334	417	417	0.92	456
	365	1.38	2	330	165	475	238	0.90	525
	365	1.70	1	330	330	563	563	0.90	623
	365	1.80	1	340	340	612	612	0.93	657
	313	3.00	1	303	303	909	909	0.97	939
Total	356	1.69½	8	1,999	249	3,374	422	5.59	604
Stitchers	313	(a)	17	(a)	(a)	1,046	62	(a)	(a)
Sweepers	313	.43	5	77	15	33	7	0.25	134
	313	.50	23	647	28	326	14	2.07	158
	313	.55	15	841	56	460	31	2.69	171
	313	.60	25	1,486	59	898	36	4.75	189
	313	.65	24	1,746	73	1,133	47	5.58	203

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 23—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Sweepers—concluded	313	$0.70	16	787	49	$546	$34	2.51	$217
	313	.75	20	843	42	633	32	2.69	235
	313	.80	51	2,461	48	1,967	39	7.86	250
	313	.85	7	304	43	258	37	0.97	266
	313	.90	6	382	64	345	58	1.22	283
	313	.95	2	37	19	35	18	0.12	296
	313	1.00	3	37	12	37	12	0.12	313
	313	1.33½	1	3	3	4	4	0.01	417
Total	313	.69	198	9,651	49	6,675	34	30.84	216
Teamsters	312	1.20	1	315	315	378	378	1.01	376
	365	1.50	1	345	345	517	517	0.95	547
Total	337	1.35½	2	660	330	895	448	1.96	457
Third hands	313	.60	1	24	24	14	14	0.08	183
	313	.70	1	184	184	125	125	0.59	213
	313	.75	2	199	100	146	73	0.64	230
	313	.85	2	152	76	132	66	0.49	272
	313	.90	5	693	139	622	124	2.21	281
	313	.95	2	430	215	404	202	1.37	294
	312	1.00	59	4,377	74	4,382	74	13.98	313
	313	1.05	7	912	130	949	136	2.91	326
	313	1.10	3	205	68	227	76	0.65	347
	313	1.15	2	298	149	345	173	0.95	362
	313	1.20	1	236	236	283	283	0.75	375
	313	1.25	5	190	38	236	47	0.61	389
	313	1.30	7	763	109	996	142	2.44	409
	313	1.35	8	1,290	161	1,747	218	4.12	424
	313	1.40	7	1,073	153	1,503	215	3.43	438
	313	1.45	9	1,061	118	1,548	172	3.39	457
	313	1.50	102	5,905	58	8,850	87	18.87	469
	313	1.55	2	324	162	506	253	1.04	489
	313	1.60	14	1,681	120	2,690	192	5.37	501
	313	1.65	3	471	157	768	256	1.50	510
	313	1.70	1	53	53	90	90	0.17	532
	313	1.75	5	441	88	770	154	1.41	547
	313	1.80	3	878	293	1,569	523	2.81	559
	313	1.85	1	129	129	238	238	0.41	577
	313	1.90	7	1,184	169	2,250	321	3.78	595
	313	1.95	1	28	28	55	55	0.09	615
Total	313	1.35½	260	23,181	89	31,445	121	74.06	425
Trimmers	313	.61½	5	13	3	8	2	0.04	193
	313	.90	8	295	37	270	34	0.94	286
	313	.95	19	1,507	79	1,436	76	4.81	298
	313	1.00	10	920	92	913	91	2.94	311
	313	1.10	2	512	256	562	281	1.64	344
	313	1.15	1	206	206	236	236	0.66	359
Total	313	.93	45	3,453	77	3,425	76	11.03	310
Tying-in girls	313	.66	45	4,082	91	2,691	60	13.04	206
Warpers	313	(a)	40	(a)	(a)	6,265	157	(a)	(a)
Waste hands	313	.55	8	203	25	113	14	0.65	174
	313	1.05	4	302	76	317	79	0.96	329
	313	1.15	7	571	82	671	96	1.82	368
Total	313	1.02½	19	1,076	57	1,101	58	3.43	320

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 22—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Watchmen	365	$1.10	4	832	208	$912	$228	2.28	$100
	365	1.15	1	226	226	262	262	0.62	423
	365	1.20	3	555	185	663	221	1.52	436
	365	1.25	9	655	73	817	91	1.79	455
	365	1.30	2	603	302	777	389	1.65	470
Total	365	1.19½	19	2,871	151	3,431	181	7.86	436
Weavers	313	.41½	48	780	16	322	7	2.49	129
	313	.62	232	8,145	35	5,054	22	26.02	194
	313	.88	772	51,477	67	45,208	59	164.46	275
	313	1.09	550	51,025	93	55,527	101	163.02	341
	313	1.32	120	16,323	136	21,582	180	52.15	414
	313	1.53½	4	728	182	1,116	279	2.33	480
	313	1.91	2	68	34	130	65	0.22	598
	313	(a)	673	(a)	(a)	61,356	91	(a)	(a)
Total	313	(b)	2,401	(b)	(b)	190,295	79	(b)	(b)
Wheelmen	313	1.25	2	632	316	790	395	2.02	391
	313	1.50	1	263	263	399	399	0.84	475
Total	313	1.33	3	895	298	1,189	396	2.86	416
Winders	313	.84	40	1,643	41	1,378	34	5.25	263
Yard hands	313	1.00	68	2,037	30	2,037	30	6.51	313
	313	1.05	7	461	66	476	68	1.47	323
	313	1.10	7	562	80	610	87	1.80	340
	313	1.15	3	819	273	948	316	2.62	362
	313	1.20	2	106	53	129	65	0.34	381
	313	1.50	1	42	42	64	64	0.13	477
	313	1.90	1	271	271	514	514	0.87	594
Total	313	1.11	89	4,298	48	4,778	54	13.74	348
The establishment	.....	(b)	6,436	(b)	(b)	c524,250	81	(b)	(b)

ESTABLISHMENT No. 26.

Back boys	156	$0.45	26	1,825	70	$824	$32	11.70	$70
	156	.50	2	236	118	119	60	1.51	79
Total	156	.46	28	2,061	74	943	34	13.21	71
Baler	156	1.15	1	154	154	177	177	0.99	179
Card grinders	156	1.50	6	619	103	929	155	3.97	234
Card strippers	156	1.05	7	899	128	940	134	5.76	163
Carpenters	156	1.75	3	406	135	711	237	2.60	273
	156	2.00	3	470	157	940	313	3.01	312
	156	2.10	2	326	163	685	343	2.09	328
Total	156	1.94½	8	1,202	150	2,336	292	7.70	303
Cleaners	156	.45	3	45	15	19	6	0.29	66
	156	.50	4	263	66	130	33	1.69	77
	156	.55	2	263	132	142	71	1.69	84
	156	.58	1	49	49	28	28	0.31	89
	156	.63	2	82	41	52	26	0.53	99
Total	156	.53	12	702	59	371	31	4.51	82

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.
c The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 26—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Cloth inspectors	156	$1.15	2	182	91	$209	$105	1.17	$179
Doffers	156	.85	5	609	122	519	104	3.90	133
	156	.95	1	108	108	103	103	0.69	149
	156	1.00	5	465	93	463	93	2.98	155
	156	1.05	1	107	107	112	112	0.69	163
Total	156	.93	12	1,289	107	1,197	100	8.26	145
Drawers-in	156	.93	2	145	73	135	68	0.93	145
	156	1.15½	9	1,020	113	1,177	131	6.54	180
	156	1.20½	1	139	139	180	180	0.89	202
Total	156	1.14½	12	1,304	109	1,492	124	8.36	178
Drawing-frame tenders	156	.70	15	557	37	390	26	3.57	109
	156	.75	1	18	18	14	14	0.12	121
Total	156	.70½	16	575	36	404	25	3.69	110
Engineer	156	2.50	1	165	165	413	413	1.06	390
Filling carriers	156	1.00	2	148	74	148	74	0.95	156
	156	1.29	1	154	154	199	199	0.99	202
Total	156	1.15	3	302	101	347	116	1.94	179
Fireman	182	1.90	1	180	180	342	342	0.99	346
Folder	156	1.05	1	149	149	151	151	0.96	158
Folder and sewing-machine hand.	156	.90	1	61	61	55	55	0.39	141
Foreman, yard hands	156	3.00	1	67	67	201	201	0.43	468
Gateman	156	1.50	1	157	157	235	235	1.01	234
Loom fixers	156	1.75	7	585	84	1,028	147	3.75	274
	156	1.80	7	670	96	1,203	172	4.29	280
	156	1.86	1	126	126	235	235	0.81	291
Total	156	1.78½	15	1,381	92	2,466	164	8.85	279
Machinists	156	2.00	2	244	122	487	244	1.56	311
	156	2.10	1	160	160	337	337	1.03	329
	156	2.15	1	148	148	318	318	0.95	335
Total	156	2.07	4	552	138	1,142	286	3.54	323
Master machinist	156	4.32½	1	156	156	675	675	1.00	675
Oiler	156	1.50	1	152	152	228	228	0.97	234
Overseer, carding department	156	4.00	1	153	153	612	612	0.98	624
Overseer, cloth room	156	2.50	1	155	155	388	388	0.99	391
Overseers, spinning department.	156	3.75	2	307	154	1,151	576	1.97	585
Overseer, weaving department	156	3.75	1	153	153	574	574	0.98	585
Painter	156	1.90	1	157	157	298	298	1.01	296
Picking-room hands	156	1.05	7	586	84	615	88	3.76	164
Piper	156	1.35	1	187	187	253	253	1.20	211
Railway hands	156	.75	5	515	103	386	77	3.30	117
Repairer	156	1.25	1	157	157	197	197	1.01	196
Room girls	156	1.20	2	300	150	362	181	1.92	188
Roving carriers	156	.50	2	288	144	144	72	1.85	78
	156	1.00	3	295	98	293	98	1.89	155
Total	156	.75	5	583	117	437	87	3.74	117

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 26—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Scrubbers	156	$0.50	1	6	6	$3	$3	0.04	$78
	156	.80	4	381	95	303	76	2.44	124
	156	.90	1	153	153	138	138	0.98	141
Total	156	.82	6	540	90	444	74	3.46	128
Second hands	156	1.05	1	155	155	163	163	0.99	164
	156	1.10	1	144	144	155	155	0.92	168
	156	2.00	7	1,080	154	2,160	309	6.92	312
	156	2.15	1	153	153	329	329	0.98	335
	156	2.50	1	164	164	409	409	1.05	389
Total	156	1.89½	11	1,696	154	3,216	292	10.86	296
Sewing-machine hands	156	.80	4	66	17	53	13	0.42	125
Shearers	156	.90	3	153	51	134	45	0.98	137
Slasher tender	156	2.00	1	152	152	303	303	0.97	311
Slasher tender's helper	156	1.25	1	147	147	184	184	0.94	195
Speeders, coarse	156	.91½	7	687	98	650	93	4.40	148
	156	1.10½	5	616	123	680	136	3.95	172
Total	156	1.02	12	1,303	109	1,330	111	8.35	159
Speeders, fine	156	1.08	16	1,814	113	1,961	123	11.63	169
	156	1.28⅓	2	296	148	381	191	1.90	201
Total	156	1.11	18	2,110	117	2,342	130	13.53	173
Speeders, intermediate	156	1.07	9	1,035	115	1,109	123	6.63	167
	156	1.38	5	568	114	784	157	3.64	215
Total	156	1.18	14	1,603	115	1,893	135	10.27	184
Spinners, frame	156	.40	4	80	20	32	8	0.51	62
	156	.45	4	64	16	29	7	0.41	71
	156	.46	1	34	34	16	16	0.22	73
	156	.48	1	68	68	33	33	0.44	76
	156	.50	1	6	6	3	3	0.04	78
	156	.51	1	73	73	38	38	0.47	81
	156	.59⅓	6	257	43	153	26	1.65	93
	156	.63	2	34	17	21	11	0.22	96
	156	.65	1	103	103	67	67	0.66	101
	156	.68	1	109	109	74	74	0.70	106
	156	.72	1	79	79	57	57	0.51	113
	156	.73	1	22	22	16	16	0.14	113
	156	.77	1	134	134	104	104	0.86	121
	156	.80	2	197	99	157	79	1.26	124
	156	.81½	2	115	58	94	47	0.74	128
	156	.85	2	62	31	53	27	0.40	133
	156	.86	2	206	103	178	89	1.32	135
	156	.88	2	272	136	239	120	1.74	137
	156	.90	6	543	91	488	81	3.48	140
	156	.91½	2	160	80	146	73	1.03	142
	156	.95	1	145	145	138	138	0.93	148
	156	.96	1	125	125	120	120	0.80	150
	156	1.00	3	133	44	132	44	0.85	155
	156	1.05	1	127	127	131	131	0.81	161
Total	156	.80	49	3,148	64	2,519	51	20.19	125
Spinners, mule	156	1.62	12	1,121	93	1,818	152	7.19	253
	156	1.84	8	888	111	1,636	205	5.69	287
Total	156	1.72	20	2,009	100	3,454	173	12.88	268
Spoolers	156	1.00	20	1,650	83	1,649	82	10.58	156
Teamsters	156	1.40	2	250	125	350	175	1.60	218

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 26—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Third hands	156	$1.10	4	448	112	$487	$122	2.87	$170
	156	1.25	2	153	77	191	96	0.98	195
Total	156	1.13	6	601	100	678	113	3.85	176
Warpers	156	1.59½	5	297	59	474	95	1.90	249
Watchman	156	2.00	1	161	161	322	322	1.03	312
Weavers	156	.47	9	117	13	55	6	0.75	73
	156	.79	20	912	46	719	36	5.85	123
	156	1.06	113	8,291	73	8,793	78	53.15	165
	156	1.25	126	13,922	110	17,421	138	89.24	195
	156	1.47	40	4,863	122	7,144	179	31.17	229
	156	1.68½	2	293	147	494	247	1.88	263
Total	156	1.22	310	28,398	92	34,626	112	182.04	190
Yard hands	156	1.25	15	998	67	1,259	84	6.40	197
	156	1.50	3	446	149	669	223	2.86	234
Total	156	1.33⅓	18	1,444	80	1,928	107	9.26	208
The establishment		1.24½	662	61,290	93	76,425	115	392.73	195

ESTABLISHMENT No. 28.

Balers	156	$1.10	2	186	93	$203	$102	1.19	$170
	156	1.25	2	143	72	173	87	0.92	189
	156	1.40	1	150	150	210	210	0.96	218
	156	1.50	1	15	15	22	22	0.10	229
	156	1.55	1	153	153	237	237	0.98	242
	156	1.80	1	154	154	277	277	0.99	281
Total	156	1.40	8	801	100	1,122	140	5.14	219
Band fixers	156	2.00	1	157	157	314	314	1.01	312
	156	2.20	1	157	157	346	346	1.01	344
Total	156	2.10	2	314	157	660	330	2.02	328
Card grinders	156	1.67	6	703	117	1,173	196	4.51	260
Card grinder and card stripper	156	1.45½	1	152	152	222	222	0.97	228
Card strippers	156	1.05	1	47	47	49	49	0.30	163
	156	1.10	1	135	135	149	149	0.87	172
	156	1.15	4	454	114	522	131	2.91	179
	156	1.20	9	532	59	639	71	3.41	187
	156	1.25	13	1,463	113	1,828	141	9.38	195
Total	156	1.21	28	2,631	94	3,187	114	16.87	189
Carders	156	.80	4	400	100	330	83	2.56	129
	156	1.00	2	219	110	219	110	1.40	156
	156	1.10	1	142	142	153	153	0.91	168
Total	156	.92	7	761	109	702	100	4.87	144
Carpenters	156	1.60	1	156	156	250	250	1.00	250
	156	1.75	1	46	46	80	80	0.29	271
	156	1.95	1	154	154	300	300	0.99	304
	156	2.00	2	149	75	299	150	0.96	313
Total	156	1.84	5	505	101	929	186	3.24	287

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 28—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Cloth inspectors	156	$0.75	3	52	17	$39	$13	0.33	$117
	156	.80	2	22	11	18	9	0.14	128
	156	.85	1	12	12	10	10	0.08	130
	156	.95	3	140	47	132	44	0.90	147
	156	1.00	3	90	30	89	30	0.58	154
	156	1.05	13	1,617	124	1,697	131	10.37	164
Total	156	1.02½	25	1,933	77	1,985	79	12.40	160
Doffers	156	.25	2	25	13	6	3	0.16	37
	156	.30	6	237	40	74	12	1.52	49
	156	.35	9	457	51	166	18	2.93	57
	156	.40	21	1,449	69	584	28	9.29	63
	156	.45	26	2,248	86	990	38	14.41	69
	156	.50	23	2,033	88	1,005	44	13.03	77
	156	.55	4	303	76	165	41	1.94	85
	156	.60	4	228	57	137	34	1.46	94
	156	.65	2	183	92	120	60	1.17	102
	156	.70	3	206	69	143	48	1.32	108
	156	.75	7	590	84	440	63	3.78	116
	156	.80	1	87	87	72	72	0.56	129
	156	.85	2	233	117	200	100	1.49	134
	156	.90	6	649	108	587	98	4.16	141
	156	1.05	1	136	136	143	143	0.87	164
Total	156	.53½	117	9,064	77	4,832	41	58.09	83
Drawers-in	156	.63	5	246	49	155	31	1.58	98
	156	.77½	5	466	93	361	72	2.99	121
	156	1.09	7	939	134	1,022	146	6.02	170
Total	156	.93	17	1,651	97	1,538	90	10.59	145
Drawing-frame tenders	156	.50	1	78	78	42	42	0.50	84
	156	.60	2	136	68	82	41	0.87	94
	156	.65	6	357	60	230	38	2.29	101
	156	.70	25	2,505	100	1,755	70	16.06	109
	156	.75	1	125	125	93	93	0.80	116
Total	156	.69	35	3,201	91	2,202	63	20.52	107
Dressing-room hands	156	.80	2	41	21	33	17	0.26	126
	156	.95	1	24	24	23	23	0.15	150
	156	1.08	14	468	33	506	36	3.00	169
	156	1.15	1	150	150	173	173	0.96	180
	156	1.25	3	280	93	347	116	1.79	193
	156	1.40	1	134	134	194	194	0.86	226
	156	1.58	1	151	151	239	239	0.97	247
Total	156	1.21½	23	1,248	54	1,515	66	7.99	189
Elevator hand	156	.85	1	132	132	109	109	0.85	29
Engineers	156	1.80	1	153	153	275	275	0.98	280
	156	2.75	1	173	173	475	475	1.11	428
Total	156	2.30	2	326	163	750	375	2.09	359
Filling carriers	156	.80	4	97	24	77	19	0.62	124
	156	1.08	10	718	72	774	77	4.60	168
	156	1.25	1	113	113	140	140	0.72	193
Total	156	1.07	15	928	62	991	66	5.94	167
Firemen	182	1.80	1	44	44	79	79	0.24	327
	182	1.86	4	520	130	966	242	2.86	338
	182	1.92	1	182	182	351	351	1.00	351
Total	182	1.87	6	746	124	1,396	233	4.10	341

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 28—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Folders	156	$1.00	1	34	34	$34	$34	0.22	$156
	156	1.35	2	262	131	352	176	1.68	210
	156	1.50	1	150	150	224	224	0.96	233
Total	156	1.37	4	446	112	610	153	2.86	213
Foreman, yard hands	156	3.40	1	156	156	530	530	1.00	530
Harness hands	156	1.00	3	156	52	156	52	1.00	156
Loom fixers	156	1.25	3	139	46	176	59	0.89	198
	156	1.75	20	2,082	104	3,641	182	13.35	273
Total	156	1.72	23	2,221	97	3,817	166	14.24	268
Machinists	156	1.20	1	152	152	173	173	0.97	178
	156	1.50	1	149	149	221	221	0.96	231
	156	1.55	1	154	154	239	239	0.99	242
	156	1.60	1	160	160	256	256	1.03	250
	156	1.80	3	438	146	789	263	2.81	281
	156	1.95	2	305	153	594	297	1.96	304
	156	2.00	3	471	157	942	314	3.02	312
	156	2.25	1	149	149	336	336	0.96	352
Total	156	1.79½	13	1,978	152	3,550	273	12.70	280
Master machinist	156	4.81	1	156	156	750	750	1.00	750
Overseer, carding department	156	5.00	1	153	153	765	765	0.98	780
Overseers, cloth room	156	3.00	1	154	154	470	470	0.99	476
	156	5.00	1	47	47	235	235	0.30	780
Total	156	3.50½	2	201	101	705	353	1.29	547
Overseer, dressing room	156	3.90	1	153	153	596	596	0.98	608
Overseer, spinning department	156	5.00	1	153	153	765	765	0.98	780
Overseers, weaving department	156	5.00	3	397	102	1,511	504	1.97	768
Painter	156	2.20	1	151	151	332	332	0.97	343
Picking-room hands	156	1.10	1	28	28	30	30	0.18	167
	156	1.20	5	138	28	165	33	0.88	187
	156	1.25	19	2,333	123	2,917	154	14.96	195
Total	156	1.24½	25	2,499	100	3,112	124	16.02	194
Railway hands	156	.65	8	519	65	337	42	3.33	101
	156	.70	2	213	107	145	73	1.37	106
	156	.75	2	260	130	192	96	1.67	115
	156	1.00	1	6	6	6	6	0.04	156
	156	1.05	1	152	152	159	159	0.97	163
	156	1.10	1	149	149	163	163	0.96	171
Total	156	.77	15	1,299	87	1,002	67	8.34	120
Room girls	156	.75	2	300	150	225	113	1.92	117
	156	1.08	2	295	148	319	160	1.89	169
Total	156	.91½	4	595	149	544	136	3.81	143
Roving carriers	156	.50	2	91	46	47	24	0.58	81
	156	.55	2	264	132	143	72	1.69	85
	156	.65	5	617	123	411	82	3.96	104
	156	.70	6	216	36	153	26	1.38	111
	156	.75	3	111	37	83	28	0.71	117
	156	.80	2	278	139	223	112	1.78	125
	156	.90	1	151	151	136	136	0.97	141
Total	156	.69	21	1,728	82	1,196	57	11.07	108

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 28—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Scrubbers	156	$0.70	1	149	149	$105	$105	0.96	$110
	156	.75	2	181	91	136	68	1.16	117
	156	.80	1	153	153	122	122	0.98	124
	156	.85	4	73	18	62	16	0.47	132
	156	1.00	2	153	77	152	76	0.98	155
Total	156	.81½	10	709	71	577	58	4.55	127
Second hands	156	1.55	1	149	149	231	231	0.96	242
	156	1.85	1	129	129	239	289	0.83	289
	156	2.08	7	1,059	151	2,202	315	6.79	324
	156	2.20	1	153	153	336	336	0.98	343
	156	2.30	2	300	150	690	345	1.92	359
Total	156	2.06½	12	1,790	149	3,698	308	11.48	322
Slasher tenders	156	1.70	6	906	151	1,540	257	5.81	265
Speeders, coarse	156	.84	8	811	101	683	85	5.20	131
	156	1.01½	12	1,[illegible]	128	1,556	130	9.82	158
Total	156	.95½	20	2,343	117	2,239	112	15.02	149
Speeders, fine	156	.84	16	1,180	74	1[illegible]992	62	7.56	131
	156	1.01½	28	3,382	121	3,4[illegible]	122	21.68	158
Total	156	.97	44	4,562	104	4,420	100	29.24	151
Spinners, frame	156	.30	1	21	21	6	31 [illegible]	0.13	45
	156	.40	4	172	43	68	[illegible]	1.10	62
	156	.45	3	186	62	84	17	1.19	70
	156	.50	7	408	58	206	28	10. 2.62	79
	156	.55	1	140	140	80	29	.90	89
	156	.60	9	379	42	228	80	50 3	94
	156	.65	8	633	79	413	25	0.7	102
	156	.70	8	638	80	445	52	2.3[illegible]	109
	156	.75	32	2,647	83	1,982	56	4.06	117
	156	.80	13	1,335	103	1,061	62	4.09	124
	156	.85	8	746	93	632	82	16.97	132
	156	.90	7	608	87	548	79	8.56	141
	156	.95	3	209	70	200	78	4.78	149
	156	1.00	17	1,888	111	1,886	67	3.90	1[illegible] 156
	156	1.05	2	252	126	263	111	1.34	15 163
Total	156	.79	123	10,262	83	8,102	132	12.10	16[illegible] 23
Spoolers	156	.50	15	315	21	158	66	1.62	180 193
	156	.73	20	2,019	101	1,475	11	65.79	126 8
	156	.91½	29	2,560	88	2,347	74	2.02	7[illegible] .7
	156	1.10½	1	135	135	149	81	12.94	114
Total	156	.82	65	5,029	77	4,129	149	16.41	143
Stampers	156	1.40	1	31	31	43	64	0.87	172
	156	1.50	1	83	83	126	43	32.24	128
	156	1.70	1	113	113	193	126	0.20	216
Total	156	1.59½	3	227	76	362	193	0.53	237
Stitchers	156	1.25	1	104	104	129	121	0.72	266
	156	1.35	1	152	152	205	129	1.45	249
	156	1.75	1	153	153	268	205	0.67	194
Total	156	1.47	3	409	136	602	268	0.97	210
Teamster	156	1.50	1	170	170	254	201	0.98	273
							254	2.62	239
								1.09	233

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 28—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Third hands	156	$1.25	1	15	15	$19	$19	0.10	$198
	156	1.50	2	163	82	246	123	1.04	235
	156	1.58	3	433	144	684	228	2.78	246
	156	1.75	2	249	125	436	218	1.60	273
	156	1.80	2	288	144	518	259	1.85	281
	156	1.85	1	153	153	281	281	0.98	287
	156	2.08	1	151	151	314	314	0.97	324
Total	156	1.72	12	1,452	121	2,498	208	9.32	268
Tying-in girls	156	.45	18	1,070	59	484	27	6.86	71
Warpers	156	1.15	5	621	124	715	143	3.98	180
Waste hands	156	1.30	2	294	147	387	194	1.88	205
Watchmen	182	1.75	4	717	179	1,254	314	3.94	318
Weavers	156	.47½	29	678	23	321	11	4.35	74
	156	.69	82	5,638	69	3,891	47	36.14	108
	156	.89½	230	17,727	77	15,851	69	113.63	139
	156	1.13	139	13,943	100	15,755	113	89.38	176
	156	1.31½	36	3,411	95	4,489	125	21.87	205
Total	156	.97½	516	41,397	80	40,307	78	265.37	152
Wheelmen	156	1.59	2	174	87	256	128	1.12	230
Yard hands	156	.75	2	142	71	106	53	0.91	116
	156	1.25	18	1,163	65	1,454	81	7.46	195
	156	1.40	4	592	148	829	207	3.79	218
	156	1.75	1	169	169	296	296	1.08	273
	156	1.80	1	155	155	278	278	0.99	280
	156	2.10	1	150	150	313	313	0.96	326
	156	2.70	1	22	22	60	60	0.14	425
Total	156	1.39½	28	2,393	85	3,336	119	15.33	217
The establishment		1.06	1,291	111,973	87	a118,414	92	716.49	165

ESTABLISHMENT No. 36.

Back boys	313	$0.46	49	2,651	60	$1,227	$31	8.47	$145
Card grinders	313	1.25	3	786	262	983	328	2.51	391
	313	1.37½	1	272	272	374	374	0.87	430
Total	313	1.28½	4	1,058	265	1,357	339	3.38	401
Card strippers	313	1.12½	4	1,070	268	1,203	301	3.42	352
Carders	313	.46	2	286	143	131	66	0.91	143
Carpenters	313	2.00	11	67	6	133	12	0.21	621
	313	2.25	1	307	307	692	692	0.98	706
Total	313	2.20½	12	374	31	825	69	1.19	690
Cleaners	313	.46	12	1,075	90	503	42	3.43	146
Cloth-room hands	313	.93½	1	16	16	15	15	0.05	293
	313	1.00	1	14	14	14	14	0.04	313
	313	1.18½	3	439	146	512	171	1.40	365
	313	1.31½	2	332	166	428	214	1.06	404
Total	313	1.21	7	801	114	969	138	2.55	379

a Includes $2,158 expended for permanent improvements, which could not be eliminated from the different occupations given above.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 36—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Coal wheelers	313	$1.25	2	290	145	$363	$182	0.93	$392
Doffers	313	.37½	2	8	4	3	2	0.03	117
	313	.41½	4	68	17	28	7	0.22	129
	313	.46	22	3,059	139	1,423	65	9.77	146
	313	.50	5	406	81¼	200	40	1.30	154
	313	.58	2	309	155	180	90	0.99	182
Total	313	.47½	35	3,850	110	1,834	52	12.31	149
Doffers, head	313	.87½	1	167	167	147	147	0.53	276
	313	1.00	1	153	153	153	153	0.49	313
Total	313	.93½	2	320	160	300	150	1.02	293
Drawers-in	313	.76	4	510	128	387	97	1.63	238
Drawing-frame tenders	313	.71	7	1,226	175	862	123	3.92	220
Elevator hand	313	1.00	1	257	257	257	257	0.82	313
Engineer	313	3.06½	1	313	313	980	980	1.00	980
Engineers, assistant	313	1.75	2	278	139	489	245	0.89	551
Filling carrier	313	.62½	1	141	141	88	88	0.45	195
Firemen	313	1.31⅓	1	328	328	431	431	1.05	411
	313	1.37½	1	317	317	437	437	1.01	431
	365	1.43½	1	366	366	526	526	1.00	525
Total	330	1.38	3	1,011	337	1,394	465	3.06	456
Foreman, repairers	313	2.75	1	292	292	803	803	0.93	861
Harness hand	313	1.50	1	269	269	403	403	0.86	469
Laborers	313	1.18⅓	2	265	133	313	157	0.85	370
Loom fixers	313	1.75	5	1,337	267	2,339	468	4.27	548
Machinists	313	2.00	3	616	205	1,232	411	1.97	626
Machinists' helper	313	1.11½	1	257	257	287	287	0.82	350
Oilers	313	.62½	2	458	229	281	141	1.46	192
	313	.87½	1	271	271	232	232	0.87	268
Total	313	.70½	3	729	243	513	171	2.33	220
Overseer, carding department	313	3.00	1	275	275	826	826	0.88	940
Overseer, cloth room	313	1.75	1	273	273	478	478	0.87	548
Overseer, picking department	313	1.50	1	271	271	406	406	0.87	469
Overseers, spinning department	313	3.00	2	558	279	1,675	838	1.78	940
Overseers, weaving department	313	3.00	1	274	274	823	823	0.88	940
	313	4.91	1	280	280	1,375	1,375	0.89	1,537
Total	313	3.97	2	554	277	2,198	1,099	1.77	1,242
Packer	313	.58	1	77	77	45	45	0.25	183
Picking-room hands	313	.66⅔	7	1,134	162	759	108	3.62	209
	313	.87½	2	282	141	247	124	0.90	274
	313	.93⅓	1	24	24	22	22	0.08	287
	313	1.00	1	200	200	200	200	0.64	313
	313	1.12½	1	261	261	294	294	0.83	353
	313	1.18⅓	1	270	270	320	320	0.86	371
Total	313	.85	13	2,171	167	1,842	142	6.93	266
Repairers	313	1.50	2	364	182	546	273	1.16	470
Roving carriers	313	.50	1	35	35	18	18	0.11	161
	313	.58	2	359	180	205	103	1.15	179
Total	313	.56½	3	394	131	223	74	1.26	177

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 36—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Scrubber	313	$1.25	1	251	251	$314	$314	0.80	$392
Second hands	313	1.31½	1	270	270	355	355	0.86	412
	313	1.62½	1	270	270	438	438	0.86	508
	313	1.75	1	272	272	477	477	0.87	549
	313	2.00	1	274	274	548	548	0.88	626
	313	2.12½	1	263	263	560	560	0.84	666
Total	313	1.70½	5	1,349	270	2,378	476	4.31	552
Shafting hand	313	1.25	1	266	266	333	333	0.85	392
Slasher tenders	313	1.62½	2	539	270	877	439	1.72	509
Speeders	313	(a)	14	(a)	(a)	3,552	254	(a)	(a)
Speeders' helpers	313	.46	13	1,572	121	728	56	5.02	145
	313	.50	6	553	92	273	46	1.77	155
	313	.71	1	264	264	187	187	0.84	222
Total	313	.49½	20	2,389	119	1,188	59	7.63	156
Spinners, frame	313	.58	1	260	260	149	149	0.83	179
	313	.62½	8	1,604	201	997	125	5.12	195
	313	.75	2	223	112	170	85	0.71	239
	313	.79	2	387	194	310	155	1.24	251
	313	.83	12	1,950	163	1,628	136	6.23	261
	313	.87½	1	35	35	31	31	0.11	277
Total	313	.73½	26	4,459	172	3,285	126	14.24	231
Spinners, mule	313	1.68	10	2,164	216	3,634	363	6.91	526
Spoolers	313	.62½	4	530	133	330	83	1.69	195
	313	.66⅔	8	1,196	150	801	100	3.82	210
	313	.68⅔	1	106	106	72	72	0.34	213
	313	.71	15	1,207	80	852	57	3.86	221
Total	313	.67½	28	3,039	109	2,055	73	9.71	212
Sweepers	313	.46	3	93	31	43	14	0.30	145
	313	.50	4	652	163	345	86	2.08	166
	313	.66⅔	2	283	142	178	89	0.90	197
	313	.87½	1	271	271	229	229	0.87	264
Total	313	.61	10	1,299	130	795	80	4.15	192
Teamster	313	1.31½	1	321	321	422	422	1.03	411
Third hand	313	1.18¾	1	272	272	323	323	0.87	372
Trimmers	313	1.00	7	1,275	182	1,270	181	4.07	312
Tubers	313	.46	2	65	33	30	15	0.21	144
Twisters	313	.64½	1	56	56	36	36	0.18	201
	313	.98	4	910	228	894	224	2.91	307
	313	1.71	1	277	277	474	474	0.88	536
Total	313	1.13	6	1,243	207	1,404	234	3.97	354
Warpers	313	.79	1	188	188	146	146	0.60	243
	313	.83	1	111	111	93	93	0.35	262
	313	.87½	2	457	229	400	200	1.46	274
Total	313	.84½	4	756	189	639	160	2.41	265
Waste hand	313	1.31½	1	291	291	382	382	0.93	411
Waste pickers	313	.50	2	206	103	107	54	0.66	163

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 36—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Watchmen	365	$1.00	1	290	290	$290	$290	0.79	$365
	365	1.37½	1	320	320	441	441	0.88	503
Total	365	1.20	2	610	305	731	366	1.67	437
Weavers	313	1.09½	186	29,571	159	32,383	174	94.48	343
Yard hands	313	1.18½	2	330	165	392	196	1.05	372
	313	1.25	2	263	132	329	165	0.84	392
	313	1.37½	1	325	325	447	447	1.04	430
	313	2.00	1	1	1	2	2	0.00	626
Total	313	1.27½	6	919	153	1,170	195	2.93	398
The establishment		(a)	516	(a)	(a)	b84,570	164	(a)	(a)

ESTABLISHMENT No. 37.

Back boys	313	$0.46	29	3,721	128	$1,709	$59	11.89	$144
	313	.50	2	571	286	290	145	1.82	159
Total	313	.46½	31	4,292	138	1,999	64	13.71	146
Band boy	313	.46	1	59	59	27	27	0.19	143
Band boy and roving carrier	313	.64	1	261	261	167	167	0.83	200
Beamer	313	.71	1	263	263	186	186	0.84	221
Blacksmith	313	2.00	1	314	314	628	628	1.00	626
Bobbin boy	313	.50	1	100	100	50	50	0.32	157
Boiler tender	313	1.25	1	109	109	136	136	0.35	391
Card grinders	313	1.12½	4	261	65	295	74	0.83	354
	313	1.25	9	1,576	175	1,971	219	5.04	391
Total	313	1.23½	13	1,837	141	2,266	174	5.87	386
Card grinders, head	313	1.50	1	300	300	451	451	0.96	471
	313	1.81½	1	304	304	551	551	0.97	567
Total	313	1.66	2	604	302	1,002	501	1.93	519
Card strippers	313	1.12½	10	1,190	119	1,328	133	3.80	349
	313	1.25	2	299	150	360	180	0.96	377
Total	313	1.13½	12	1,489	121	1,688	141	4.76	355
Card strippers and picking-room hands.	313	.95	2	591	296	562	281	1.89	298
Carders	313	.62½	2	604	302	375	188	1.93	194
Carders' helpers	313	.46	21	3,467	165	1,603	76	11.08	145
Carpenters	313	1.75	1	137	137	239	239	0.44	546
	313	1.87½	1	168	168	306	306	0.54	570
	313	2.12½	1	297	297	631	631	0.95	665
Total	313	1.95½	3	602	201	1,176	392	1.93	611
Cloth inspectors	313	1.00	1	298	298	298	298	0.95	313
	313	1.06½	1	298	298	316	316	0.95	332
Total	313	1.03	2	596	298	614	307	1.90	322

a No total can be made for the reason shown in the preceding footnote a.

b Includes $512 expended for permanent improvements, which could not be eliminated from the different occupations given above.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 37—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Cloth-room hands	313	$1.12½	3	885	295	$995	$332	2.83	$352
	313	1.43½	1	294	294	422	422	0.94	449
Total	313	1.20	4	1,179	295	1,417	354	3.77	376
Coal wheelers	313	1.25	4	387	97	481	120	1.24	389
Doffers	313	.46	9	1,339	149	620	69	4.28	145
Doffer, head	313	1.25	1	284	284	356	356	0.91	392
Doffer and elevator hand	313	.67½	1	114	114	77	77	0.36	211
Doffer and piecer	313	.56½	1	307	307	173	173	0.98	176
Doffer and repairer	313	.80	1	283	283	227	227	0.90	251
Doffers and roving carriers	313	.52	2	445	223	232	116	1.42	163
Drawers-in	313	(a)	8	(a)	(a)	2,233	279	(a)	(a)
Drawing-frame tenders	313	.79	17	2,366	139	1,878	110	7.56	248
Elevator hands	313	.46	1	64	64	29	29	0.20	142
	313	1.12½	1	304	304	342	342	0.97	352
Total	313	1.01	2	368	184	371	186	1.17	316
Engineer	313	5.57½	1	183	183	1,020	1,020	0.58	1,745
Engineer, assistant	313	2.11	1	307	307	660	660	0.98	673
Firemen	313	1.25	2	333	167	417	209	1.06	392
	313	1.37½	3	752	251	1,026	342	2.40	427
	313	1.50	1	348	348	522	522	1.11	470
Total	313	1.37	6	1,433	239	1,965	328	4.57	429
Foreman, carpenters	313	2.50	1	154	154	385	385	0.49	783
Foreman, machinists	313	3.00	1	348	348	1,043	1,043	1.11	938
Frame fixer	313	1.25	1	304	304	380	380	0.97	391
Harness hand	313	1.43½	1	303	303	436	436	0.97	450
Laborers	313	1.00	2	144	72	144	72	0.46	313
	313	1.18½	24	2,569	107	3,049	127	8.21	371
	313	1.25	3	287	96	356	119	0.92	388
	313	1.31½	1	295	295	388	388	0.94	412
Total	313	1.19½	30	3,295	110	3,937	131	10.53	374
Lap carrier	313	.46	1	138	138	63	63	0.44	143
Loom fixers	313	1.37	1	144	144	197	197	0.46	428
	313	1.62½	1	308	308	500	500	0.98	508
	313	1.75	9	2,059	229	3,604	400	6.58	548
Total	313	1.71½	11	2,511	228	4,301	391	8.02	536
Machinists	313	2.00	3	833	278	1,666	555	2.66	626
	313	2.12½	1	325	325	681	681	1.04	656
Total	313	2.02½	4	1,158	290	2,347	587	3.70	634
Machinists' apprentice	313	.75	1	313	313	229	229	1.00	229
Machinists' helper	313	1.37½	1	313	313	431	431	1.00	431
Mason	313	1.87½	1	70	70	131	131	0.22	586
Oilers	313	.46	1	301	301	138	138	0.96	144
	313	.62½	2	165	83	103	52	0.53	195
	313	.68½	1	295	295	203	203	0.94	215
	313	1.00	2	150	75	151	76	0.48	315
Total	313	.65½	6	911	152	595	99	2.91	204

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 37—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Overseer, carding department	313	$4.50	1	53	53	$238	$238	0.17	$1,406
Overseer, cloth room	313	1.75	1	305	305	533	533	0.97	547
Overseer, spinning department	313	4.50	1	188	188	845	845	0.60	1,407
Overseer, weaving department	313	3.00	1	305	305	891	891	0.97	914
Overseer and picking-room hand	313	2.77	1	299	299	828	828	0.96	867
Overseer and second hand	313	2.68	1	305	305	817	817	0.97	838
Painter	313	1.75	1	304	304	532	532	0.97	548
Picking-room hands	313	.46	13	1,230	95	581	45	3.93	148
	313	.62½	3	393	131	241	80	1.26	192
	313	.66⅔	3	612	204	405	135	1.96	207
	313	.68¾	1	304	304	209	209	0.97	215
	313	.93¾	1	172	172	161	161	0.55	293
	313	1.12½	4	1,031	258	1,160	290	3.29	352
	313	1.25	1	292	292	365	365	0.93	391
Total	313	.77½	26	4,034	155	3,122	120	12.89	242
Piecers	313	.62½	3	833	278	517	172	2.66	194
	313	.79	2	607	304	481	241	1.94	248
Total	313	.69½	5	1,440	288	998	200	4.60	217
Railway hands	313	1.25	1	298	298	373	373	0.95	392
	313	1.37½	1	295	295	406	406	0.94	431
Total	313	1.31½	2	593	297	779	390	1.89	411
Repairers	313	.79	2	302	151	239	120	0.96	248
	313	.87½	1	294	294	258	258	0.94	275
	313	1.12½	4	332	83	374	94	1.06	353
Total	313	.94	7	928	133	871	124	2.96	294
Scrubbers	313	1.18½	2	604	302	714	357	1.93	370
Second hands	313	1.75	1	305	305	534	534	0.97	548
	313	1.81½	1	305	305	553	553	0.97	568
	313	1.87½	1	305	305	573	573	0.97	588
	313	2.12½	1	308	308	654	654	0.98	665
Total	313	1.89	4	1,223	306	2,314	579	3.89	592
Slasher tenders	313	1.62½	3	873	291	1,419	473	2.79	509
Slasher tenders' helper	313	1.08⅓	1	295	295	320	320	0.94	340
Smash menders	313	1.12½	2	612	306	689	345	1.96	352
Speeders, coarse	313	(a)	28	(a)	(a)	6,412	229	(a)	(a)
Speeders, fine	313	.46	2	136	68	62	31	0.43	143
	313	.50	1	150	150	75	75	0.48	157
	313	.62½	2	585	293	350	175	1.87	187
	313	.79	2	374	187	296	148	1.19	248
Total	313	.63	7	1,245	178	783	112	3.97	197
Spinners, frame	313	.62½	4	988	247	628	157	3.16	199
	313	.71	3	587	196	422	141	1.88	225
	313	.79	12	3,169	264	2,504	209	10.12	247
Total	313	.75	19	4,744	250	3,554	187	15.16	234
Spinners, mule	313	(a)	14	(a)	(a)	4,845	346	(a)	(a)
Spoolers	313	.62½	39	7,847	201	4,904	126	25.07	196
Sweepers	313	.46	21	3,471	165	1,593	76	11.09	144

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 37—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Teamsters	313	$1.31½	2	304	152	$399	$200	0.97	$411
Trimmers	313	1.00	6	1,240	207	1,240	207	3.96	313
Tubers	313	.46	2	178	89	81	41	0.57	142
	313	.50	1	276	276	133	133	0.88	151
Total	313	.47	3	454	151	214	71	1.45	148
Twisters	313	(a)	4	(a)	(a)	1,198	300	(a)	(a)
Warpers	313	(a)	3	(a)	(a)	827	276	(a)	(a)
Waste hands	313	1.12½	1	113	113	127	127	0.36	352
	313	1.25	3	757	252	946	315	2.42	391
Total	313	1.23½	4	870	218	1,073	268	2.78	386
Watchmen	365	1.25	1	339	339	424	424	0.93	457
	365	1.37½	2	731	366	1,005	503	2.00	502
Total	365	1.33½	3	1,070	357	1,429	476	2.93	487
Weavers	313	(a)	254	(a)	(a)	43,449	171	(a)	(a)
The establishment	.....	(b)	677	(b)	(b)	c126,297	187	(b)	(b)

ESTABLISHMENT No. 38.

Band boy	313	$0.81½	1	307	307	$249	$249	0.98	$254
Beamers	313	2.39	4	1,192	298	2,850	713	3.81	748
	313	2.75	2	612	306	1,684	842	1.96	861
Total	313	2.51½	6	1,804	301	4,534	756	5.77	787
Bleacher	313	1.66½	1	304	304	506	506	0.97	521
Bobbin boys	313	.60½	8	1,090	136	659	82	3.48	189
Card grinder	313	1.50	1	308	308	463	463	0.98	471
Card strippers	313	1.25	9	1,843	205	2,305	256	5.89	391
Carpenter	313	2.50	1	304	304	759	759	0.97	781
Cloth inspector	313	2.16½	1	304	304	659	659	0.97	679
Doffers	313	.75	5	1,347	269	988	198	4.30	230
	313	.83½	5	1,026	205	858	172	3.28	262
Total	313	.78	10	2,373	237	1,846	185	7.58	243
Drawing-frame tenders	313	.91½	10	2,169	217	2,005	201	6.93	289
Drier	313	1.50	1	303	303	455	455	0.97	470
Dyers	313	1.58½	8	2,145	268	3,398	425	6.85	496
	313	1.66½	1	305	305	508	508	0.97	521
Total	313	1.59½	9	2,450	272	3,906	434	7.82	499
Engineers	313	2.50	1	312	312	780	780	1.00	783
	313	2.66½	1	302	302	806	806	0.96	835
Total	313	2.58½	2	614	307	1,586	793	1.96	808
Fireman	313	1.66½	1	304	304	506	506	0.97	521
Folders	313	1.50	2	524	262	783	393	1.67	470
Folder and stitcher	313	.88	1	279	279	245	245	0.89	275

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.
c The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 38—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Harness hands	313	$0.53½	1	311	311	$166	$166	0.99	$167
	313	.70½	1	344	344	243	243	1.10	221
Total	313	.62½	2	655	328	409	205	2.09	195
Janitors	313	.23½	2	625	313	148	74	2.00	74
Loom fixers	313	2.16½	7	2,134	305	4,623	660	6.82	678
Machinists	313	2.50	1	303	303	758	758	0.97	783
	313	2.66⅔	1	308	308	822	822	0.98	835
Total	313	2.58½	2	611	306	1,580	790	1.95	809
Machinists' helper	313	1.50	1	307	307	460	460	0.93	469
Overseers, carding department	313	3.00	1	310	310	926	926	0.99	935
	313	3.16⅔	1	305	305	964	964	0.97	989
Total	313	3.07½	2	615	308	1,890	945	1.96	962
Overseer, dyeing room	313	3.33⅓	1	305	305	1,015	1,015	0.97	1,042
Overseers, spinning department	313	2.33⅓	2	606	303	1,413	707	1.94	730
	313	2.50	2	611	306	1,527	764	1.95	782
Total	313	2.41½	4	1,217	304	2,940	735	3.89	756
Overseer, spooling department	313	3.00	1	312	312	936	936	1.00	939
Packer	313	1.58½	1	304	304	481	481	0.97	495
Picking-room hands	313	1.00	2	387	194	388	194	1.24	314
	313	1.33⅓	3	858	286	1,145	382	2.74	418
Total	313	1.23	5	1,245	249	1,533	307	3.98	385
Piecers	313	.54	6	871	145	475	79	2.78	171
Press hand	313	.66⅔	1	304	304	203	203	0.97	209
Reelers	313	1.28	9	1,927	214	2,470	274	6.16	401
Roving carriers	313	.54	2	310	155	168	84	0.99	170
	313	.75	1	120	120	91	91	0.38	237
Total	313	.60	3	430	143	259	86	1.37	189
Second hands	313	1.00	1	305	305	305	305	0.97	313
	313	1.10	1	253	253	278	278	0.81	344
	313	1.16⅔	1	193	193	228	228	0.62	370
	313	1.25	1	304	304	380	380	0.97	391
	313	1.33⅓	1	307	307	409	409	0.98	417
	313	1.37½	1	304	304	418	418	0.97	430
	313	1.58½	1	302	302	478	478	0.96	495
Total	313	1.27	7	1,968	281	2,496	357	6.28	397
Slasher tender	313	1.66⅔	1	302	302	504	504	0.96	522
Speeders	313	1.19	23	3,835	167	4,561	198	12.25	372
	313	1.36½	11	2,447	222	3,340	304	7.82	427
Total	313	1.26	34	6,282	185	7,901	232	20.07	394
Spinners, frame	313	.46⅔	27	4,184	155	1,947	72	13.37	146
	313	.68	21	4,561	217	3,163	148	14.57	213
	313	.92	24	5,183	216	4,765	199	16.56	288
Total	313	.70½	72	13,928	193	9,815	136	44.50	221

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 38—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Spinners, mule	313	$1.03½	2	591	296	$612	$306	1.89	$324
	313	1.47	2	602	301	884	442	1.92	460
Total	313	1.25½	4	1,193	298	1,496	374	3.81	392
Spoolers	313	.91½	14	2,189	156	2,008	143	6.99	287
	313	.96	12	2,678	223	2,565	214	8.56	300
	313	1.00	3	600	200	600	200	1.92	313
Total	313	.94½	29	5,467	189	5,173	178	17.47	296
Stitchers	313	.66½	4	815	204	543	136	2.60	209
Sweepers	313	.49	14	2,074	148	1,015	73	6.63	153
Teamster	313	1.66½	1	288	288	479	479	0.92	521
Twisters	313	1.52½	3	605	202	922	307	1.93	477
	313	1.78	1	297	297	529	529	0.95	557
	313	2.05½	3	902	301	1,852	617	2.88	643
Total	313	1.83	7	1,804	258	3,303	472	5.76	573
Warpers	313	1.78½	1	304	304	543	543	0.97	559
	313	2.12	2	557	279	1,182	591	1.78	664
	313	2.44½	5	1,510	302	3,692	738	4.82	765
	313	2.72½	3	914	305	2,491	830	2.92	853
Total	313	2.40½	11	3,285	299	7,908	719	10.49	753
Watchmen	365	1.10	1	354	354	390	390	0.97	402
	313	1.66½	1	300	300	500	500	0.96	522
Total	339	1.36	2	654	327	890	445	1.93	461
Weavers	313	1.04	29	1,241	43	1,291	45	3.96	326
	313	1.29	142	33,530	236	43,218	304	107.12	403
	313	1.43	4	676	169	968	242	2.16	448
	313	1.75½	42	11,643	277	20,459	487	37.20	550
	313	1.90½	2	468	234	891	446	1.50	596
Total	313	1.40½	219	47,558	217	66,827	305	151.94	440
Winders	313	.96½	33	6,113	185	5,890	178	19.53	302
	313	1.13½	7	1,415	202	1,606	229	4.52	355
	313	1.39½	3	510	170	711	237	1.63	436
	313	1.63	1	105	105	171	171	0.34	510
Total	313	1.03	44	8,143	185	8,378	190	26.02	322
Yard hands	313	1.50	3	548	183	822	274	1.75	470
The establishment		1.30½	563	121,451	216	158,441	281	387.82	409

ESTABLISHMENT No. 82.

Beamers	156	$1.87½	1	146	146	$273	$273	0.94	$292
	156	1.91½	1	146	146	279	279	0.94	298
Total	156	1.89	2	292	146	552	276	1.88	295
Burlers	156	.41½	3	291	97	122	41	1.87	65
Card strippers	156	1.60	2	279	140	282	141	1.79	158
	156	1.25	1	145	145	182	182	0.93	193
Total	156	1.09½	3	424	141	464	155	2.72	171

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 82—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Carder	156	$2.83⅓	1	146	146	$412	$412	0.94	$440
Carder's helpers	156	.41½	1	123	123	51	51	0.79	65
	156	.50	2	261	131	129	65	1.67	77
	156	.58½	2	246	123	142	71	1.58	90
	156	.62½	1	38	38	23	23	0.24	94
	156	.66½	2	291	146	192	96	1.87	103
	156	.70	1	23	23	16	16	0.15	109
	156	.75	2	180	90	137	69	1.15	119
	156	.83½	9	955	106	796	88	6.12	130
	156	1.37½	1	145	145	200	200	0.93	215
Total	156	.74½	21	2,262	108	1,686	80	14.50	116
Dyers	156	1.41½	8	873	109	1,237	155	5.60	221
	156	1.50	4	577	144	866	217	3.70	234
	156	2.75	1	146	146	400	400	0.94	427
Total	156	1.57	13	1,596	123	2,503	193	10.24	245
Engineers	156	2.29	2	314	157	720	360	2.01	358
Finishers	156	1.83½	1	145	145	266	266	0.93	286
	156	2.00	1	145	145	290	290	0.93	312
Total	156	1.91½	2	290	145	556	278	1.86	299
Firemen	156	.50	2	289	145	145	73	1.85	78
Laborers	156	.57	1	7	7	4	4	0.04	89
	156	1.00	2	129	65	129	65	0.83	156
	156	1.25	2	146	73	182	91	0.94	194
Total	156	1.11½	5	282	56	315	63	1.81	174
Overseer, carding department	156	3.00	1	145	145	436	436	0.93	469
Overseer, dyeing room	156	3.33⅓	1	146	146	485	485	0.94	518
Overseer, spinning department	156	2.66⅔	1	146	146	388	388	0.94	415
Overseer, weaving department	156	3.33⅓	1	146	146	485	485	0.94	518
Packer	156	.83⅓	1	145	145	121	121	0.93	130
Picking-room hands	156	1.00	2	289	145	290	145	1.85	157
	156	1.29⅙	1	144	144	186	186	0.92	202
	156	1.33⅓	1	143	143	188	188	0.92	205
	156	1.50	2	150	75	222	111	0.96	231
Total	156	1.22	6	726	121	886	148	4.65	190
Piecers	156	.41⅓	5	288	58	120	24	1.85	65
	156	.46	3	429	143	199	66	2.75	72
	156	.50	3	304	101	151	50	1.95	77
	156	.58½	1	142	142	83	83	0.91	91
	156	.83½	1	146	146	121	121	0.94	129
Total	156	.51½	13	1,309	101	674	52	8.40	80
Second hands	156	1.00	1	135	135	135	135	0.87	156
	156	1.50	1	140	140	209	209	0.90	233
Total	156	1.25	2	275	138	344	172	1.77	195
Shearers	156	.66⅔	1	145	145	97	97	0.93	104
	156	.75	1	142	142	106	106	0.91	116
Total	156	.70⅚	2	287	144	203	102	1.84	110

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 82—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Spinners	156	$1.20	1	143	143	$171	$171	0.92	$187
	156	1.41½	1	145	145	205	205	0.93	221
	156	1.75	1	142	142	253	253	0.91	278
	156	2.21	1	146	146	321	321	0.94	343
Total	156	1.65	4	576	144	950	238	3.70	257
Twisters	156	.66½	1	145	145	97	97	0.93	104
	156	.83½	1	146	146	121	121	0.94	129
	156	1.21	1	146	146	176	176	0.94	188
Total	156	.90	3	437	146	394	131	2.81	141
Weavers	156	1.18½	51	6,764	133	8,030	157	43.36	185
	156	1.31	43	5,395	125	7,080	165	34.58	205
	156	1.71½	5	717	143	1,230	246	4.60	268
	156	1.85½	15	2,145	143	3,976	265	13.75	289
Total	156	1.35½	114	15,021	132	20,316	178	96.29	211
The establishment	.....	1.30	203	25,545	126	33,157	163	163.82	202

ESTABLISHMENT No. 85.

Band fixer	156	$0.83½	1	134	134	$114	$114	0.86	$133
Beamers	156	1.50	1	139	139	207	207	0.89	232
	156	2.08½	8	900	113	1,874	234	5.77	325
Total	156	2.00½	9	1,039	115	2,081	231	6.66	312
Bobbin boys	156	.33½	2	51	26	17	9	0.33	52
	156	.37½	7	281	40	105	15	1.80	53
	156	.41½	4	383	96	164	41	2.46	67
	156	.54	2	277	139	147	74	1.78	83
Total	156	.43½	15	992	66	433	29	6.37	68
Burlers	156	.50	3	154	51	77	26	0.99	73
Card grinders	156	1.25	2	250	125	317	159	1.60	198
	156	1.33½	1	68	68	91	91	0.44	209
	156	1.52½	6	540	90	819	137	3.46	237
Total	156	1.43	9	858	95	1,227	136	5.50	223
Card strippers	156	.86½	1	132	132	114	114	0.85	135
	156	1.00	1	11	11	11	11	0.07	156
	156	1.03	3	173	58	178	59	1.11	161
	156	1.10	6	379	63	412	69	2.43	170
	156	1.16½	1	56	56	65	65	0.36	181
	156	1.25	1	64	64	78	78	0.41	190
Total	156	1.05½	13	815	63	858	66	5.23	164
Carpenters	156	1.98	1	156	156	308	308	1.00	308
	156	2.25	1	155	155	345	345	0.99	347
	156	2.50	1	36	36	90	90	0.23	390
Total	156	2.14	3	347	116	743	248	2.22	334
Cloth carriers	156	1.00	1	139	139	139	139	0.89	156
	156	1.16½	1	137	137	160	160	0.88	182
Total	156	1.08½	2	276	138	299	150	1.77	169

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 85—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Cloth inspector	156	$2.62½	1	135	135	$349	$349	0.87	$403
Doffers	156	.75	6	683	114	515	86	4.38	118
Drawing-frame tenders	156	.88	7	917	131	807	115	5.88	137
Dyers	156	1.33½	14	1,229	93	1,729	124	8.33	208
Engineer	156	2.21	1	157	157	344	344	1.01	342
Fireman and watchman	182	1.62	1	196	196	318	318	1.08	295
Folder	156	1.66½	1	138	138	233	233	0.88	263
Laborers	156	.50	5	363	73	188	38	2.33	81
	156	.66½	2	219	110	151	76	1.40	108
	156	.83⅓	2	230	115	198	99	1.47	134
	156	1.00	4	186	47	185	46	1.19	155
	156	1.16⅔	2	141	71	169	85	0.90	187
	156	1.33⅓	13	1,325	102	1,775	137	8.49	209
Total	156	1.08	28	2,464	88	2,666	95	15.78	169
Loom fixers	156	2.21	3	403	134	890	297	2.58	345
	156	2.75	1	137	137	370	370	0.88	421
Total	156	2.33½	4	540	135	1,260	315	3.46	364
Machinists	156	2.00	1	30	30	60	60	0.19	312
	156	2.16⅔	2	335	168	725	363	2.15	338
	156	2.66⅔	1	48	48	125	125	0.31	406
Total	156	2.20½	4	413	103	910	228	2.65	344
Overseers	156	2.33⅓	2	150	75	348	174	0.96	362
	156	2.85	1	54	54	154	154	0.35	445
Total	156	2.46	3	204	68	502	167	1.31	384
Overseers, carding department	156	2.21	1	145	145	320	320	0.93	344
	156	2.33½	1	152	152	355	355	0.97	364
Total	156	2.27⅞	2	297	149	675	338	1.90	355
Overseer, cloth room	156	2.37½	1	139	139	331	331	0.89	372
Overseer, dyeing room	156	2.07½	1	144	144	299	299	0.92	324
Overseers, spinning department.	156	2.00	1	79	79	158	158	0.51	312
	156	2.06	1	142	142	290	290	0.91	319
	156	2.16⅔	1	151	151	324	324	0.97	335
	156	2.33⅓	1	13	13	30	30	0.08	360
Total	156	2.08½	4	385	96	802	201	2.47	325
Overseer, weaving department	156	2.66½	1	84	84	225	225	0.54	418
Picking-room hands	156	.60	1	82	82	50	50	0.53	95
	156	.75	3	402	134	303	101	2.58	118
	156	.81	2	60	30	49	25	0.38	127
	156	1.33½	1	13	13	17	17	0.08	204
	156	1.48	1	139	139	204	204	0.89	229
	156	1.52½	2	164	82	248	124	1.05	236
Total	156	1.01⅛	10	860	86	871	87	5.51	158
Piecers	156	.53⅓	10	883	88	477	48	5.66	84
	156	.66½	8	693	87	462	58	4.44	104
	156	.75	1	137	137	98	98	0.88	112
	156	.81	2	118	59	96	48	0.76	127
	156	.91½	4	547	137	502	126	3.51	143
	156	1.00	1	113	113	110	110	0.72	152
Total	156	.79	26	2,491	96	1,745	67	15.97	199

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 85—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Roller coverer	156	$1.50	1	136	136	$204	$204	0.87	$234
Roving carriers	156	.75	1	140	140	105	105	0.90	117
	156	.83⅓	1	139	139	115	115	0.89	129
Total	156	.79	2	279	140	220	110	1.79	123
Second hands	156	1.00	1	83	83	83	83	0.53	156
	156	1.08½	1	140	140	152	152	0.90	169
	156	1.50	1	55	55	82	82	0.35	233
	156	1.62½	2	298	149	476	238	1.91	249
	156	1.66⅔	2	265	133	453	227	1.70	267
	156	2.00	1	3	3	6	6	0.02	312
Total	156	1.48½	8	844	106	1,252	157	5.41	231
Speeders	156	.72½	7	426	61	309	44	2.73	113
	156	.92	10	1,254	125	1,156	116	8.04	144
	156	1.09	2	187	94	204	102	1.20	170
Total	156	.89½	19	1,867	98	1,669	88	11.97	139
Spinners, frame	156	.25	12	412	34	106	9	2.64	40
	156	.33⅓	6	312	52	99	17	2.00	50
	156	.37½	1	99	99	38	38	0.63	60
	156	.43½	6	612	102	268	45	3.92	68
	156	.50	19	1,600	84	816	43	10.26	80
	156	.62½	6	640	107	374	62	4.10	91
	156	.66⅔	4	356	89	231	58	2.28	101
	156	.75	12	899	75	673	56	5.76	117
Total	156	.53	66	4,930	75	2,605	39	31.59	82
Spoolers	156	.76½	18	1,506	84	1,147	64	9.65	119
Stitchers	156	.50	1	112	112	56	56	0.72	78
	156	.62½	1	123	123	76	76	0.79	96
Total	156	.56	2	235	118	132	66	1.51	88
Sweepers	156	.42½	5	125	25	53	11	0.80	66
	156	.55½	1	131	131	73	73	0.84	87
Total	156	.49	6	256	43	126	21	1.64	77
Twisters	156	1.10	1	127	127	140	140	0.81	172
	156	1.66⅔	1	80	80	133	133	0.51	259
	156	1.83⅓	1	139	139	254	254	0.89	285
Total	156	1.52½	3	346	115	527	176	2.21	238
Warpers	156	1.90	4	545	136	1,036	259	3.49	297
	156	2.01½	1	130	130	262	262	0.83	314
Total	156	1.92½	5	675	135	1,298	260	4.32	300
Watchman	182	1.44½	1	166	166	240	240	0.91	263
Weavers	156	.75	16	629	39	471	29	4.03	117
	156	.93⅓	52	4,425	85	4,132	79	28.37	146
	156	1.19½	44	4,622	105	5,524	126	29.63	186
	156	1.45½	37	4,281	116	6,220	168	27.44	227
	156	1.63½	9	1,175	131	1,919	213	7.53	255
	156	1.87	1	114	114	213	213	0.73	291
	156	2.41	1	127	127	306	306	0.81	376
Total	156	1.22	160	15,373	96	18,785	117	98.54	191
The establishment	.....	1.13½	461	42,774	93	48,618	105	273.84	178

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 88.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Back boys	156	$0.33⅓	2	14	7	$5	$3	0.09	$56
	156	.41⅔	2	142	71	61	31	0.91	67
	156	.46	21	1,003	48	477	23	6.43	74
	156	.64	2	306	153	198	99	1.96	101
Total	156	.50½	27	1,465	54	741	27	9.39	79
Back tenders	156	.66⅔	2	145	73	94	47	0.93	101
	156	.79	2	202	101	169	85	1.29	131
Total	156	.76	4	347	87	263	66	2.22	118
Card grinders	156	1.40	3	432	144	604	201	2.77	218
Card strippers	156	1.00	2	148	74	148	74	0.95	156
	156	1.04	7	362	52	381	54	2.32	164
Total	156	1.03½	9	510	57	529	59	3.27	162
Carpenters	156	1.75	1	33	33	57	57	0.21	269
	156	2.00	3	79	26	153	51	0.51	302
	156	2.08½	1	34	34	71	71	0.22	326
	156	3.33⅓	1	40	40	133	133	0.26	519
Total	156	2.22½	6	186	31	414	69	1.20	347
Carpenters' helpers	156	1.27½	2	40	20	51	26	0.26	199
Cleaners	156	.52	6	277	46	139	23	1.78	78
Doffers	156	.56	11	842	77	473	43	5.40	88
	156	.58⅓	8	343	43	207	26	2.20	94
	156	.77	2	23	12	18	9	0.15	122
Total	156	.58	21	1,208	58	698	33	7.75	90
Doffer, head	156	1.54	1	153	153	239	239	0.98	244
Drawers-in	156	1.22	5	544	109	664	133	3.49	190
	156	1.54	4	401	100	617	154	2.57	240
	156	1.75	2	206	103	361	181	1.32	273
Total	156	1.42½	11	1,151	105	1,642	149	7.38	223
Drawing-frame tenders	156	.66⅔	4	67	17	42	11	0.43	98
	156	.75	4	361	90	268	67	2.31	116
Total	156	.72½	8	428	54	310	39	2.74	113
Elevator hands	156	.96	1	151	151	145	145	0.97	150
	156	1.04	2	147	74	151	76	0.94	160
Total	156	.99½	3	298	99	296	99	1.91	155
Engineer	156	2.90⅓	1	155	155	450	450	0.99	453
Firemen	156	1.41⅔	2	383	192	534	267	2.46	218
Folders	156	1.16½	1	83	83	97	97	0.53	182
	156	1.25	1	70	70	88	88	0.45	196
	156	1.33⅓	1	110	110	146	146	0.71	207
Total	156	1.26	3	263	88	331	110	1.69	196
Loom fixers	156	1.53⅓	1	150	150	230	230	0.96	239
	156	1.71	5	527	105	901	180	3.38	267
Total	156	1.67	6	677	113	1,131	189	4.34	261

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 88—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Machinists	156	$1.75	2	237	119	$416	$208	1.52	$274
	156	1.87½	2	136	68	256	128	0.87	294
Total	156	1.80	4	373	93	672	168	2.39	281
Oiler	156	1.04	1	94	94	98	98	0.60	163
Overseer, carding department	156	4.56	1	154	154	702	702	0.99	711
Overseer, cloth room	156	3.00	1	39	39	117	117	0.25	468
Overseers, spinning department	156	3.50	3	306	102	1,071	357	1.96	546
Overseer, weaving department	156	3.50	1	153	153	536	536	0.98	547
Picking-room hands	156	.96	3	150	50	142	47	0.96	148
	156	1.04	1	153	153	159	159	0.98	162
	156	1.16½	2	212	106	240	120	1.36	177
Total	156	1.05	6	515	86	541	90	3.30	164
Press hand	156	1.33½	1	35	35	47	47	0.22	209
Railway hands	156	.43½	11	570	52	257	23	3.65	70
Roving carriers	156	.37½	1	108	108	40	40	0.69	58
	156	.51	1	133	133	68	68	0.85	80
	156	.83½	3	90	30	75	25	0.58	130
Total	156	.55½	5	331	66	183	37	2.12	86
Second hands	156	.91½	1	117	117	107	107	0.75	143
	156	1.66½	2	153	77	254	127	0.98	259
	156	1.71	1	153	153	261	261	0.98	266
	156	1.80	1	155	155	275	275	0.99	277
	156	2.00	1	155	155	310	310	0.99	312
Total	156	1.64½	6	733	122	1,207	201	4.69	257
Slasher tender	156	1.83½	1	153	153	281	281	0.98	287
Slasher tender's helpers	156	.41½	2	153	77	64	32	0.98	65
	156	.83½	1	153	153	128	128	0.98	131
Total	156	.62½	3	306	102	192	64	1.96	98
Smash menders	156	1.26	2	134	67	169	85	0.86	197
Speeders, coarse	156	.83½	1	153	153	125	125	0.98	127
	156	1.04	2	295	148	307	154	1.89	162
Total	156	.96½	3	448	149	432	144	2.87	150
Speeders, fine	156	1.16½	5	532	106	620	124	3.41	182
	156	1.32	1	141	141	186	186	0.90	206
Total	156	1.20	6	673	112	806	134	4.31	187
Speeders, intermediate	156	1.00	5	635	127	633	127	4.07	156
Speeders, jack	156	1.20	15	1,818	121	2,178	145	11.65	187
Spinners, frame	156	.36½	17	961	57	351	21	6.16	57
	156	.55	26	1,944	75	1,068	41	12.46	86
	156	.73½	6	475	79	348	58	3.04	114
Total	156	.52½	49	3,380	69	1,767	36	21.66	82
Spinners, mule	156	1.58½	8	265	33	420	53	1.70	247
	156	1.68½	12	1,222	102	2,057	171	7.83	263
Total	156	1.66½	20	1,487	74	2,477	124	9.53	260

TABLE XI.--ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 88—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Spoolers	156	$0.71	36	2,090	58	$1,495	$42	13.40	$112
	156	.87½	2	234	117	201	101	1.50	134
Total	156	.73	38	2,324	61	1,696	45	14.90	114
Sweepers	156	.35½	13	759	58	270	21	4.87	55
Third hand	156	1.25	1	152	152	190	190	0.97	195
Trimmers	156	1.00	9	726	81	726	81	4.65	156
Twisters	156	.58½	1	153	153	90	90	0.98	92
	156	.68½	1	145	145	100	100	0.93	108
	156	1.00	1	150	150	150	150	0.96	156
Total	156	.76	3	448	149	340	113	2.87	118
Warpers	156	1.08½	2	302	151	326	163	1.94	168
Watchmen	182	.71	1	67	67	48	48	0.37	130
	182	1.00	1	111	111	111	111	0.61	182
	182	1.41½	1	173	173	244	244	0.95	257
Total	182	1.15	3	351	117	403	134	1.93	209
Weavers	156	.95½	11	739	67	704	64	4.74	149
	156	1.18½	63	3,779	60	4,468	71	24.22	184
	156	1.37½	46	5,358	116	7,363	160	34.35	214
	156	1.59	46	5,896	128	9,384	204	37.79	248
Total	156	1.39	166	15,772	95	21,919	132	101.10	217
The establishment		1.18	492	41,144	84	48,608	99	263.40	185

ESTABLISHMENT No. —.

[No statement of cost of production for this establishment is shown in Table I.]

Back boys	156	$0.50	29	1,228	42	$594	$20	7.87	$75
Baler	156	1.15	1	152	152	175	175	0.97	180
Band boys	156	.76	1	129	129	98	98	0.83	119
	156	.89	3	82	27	72	24	0.53	137
	156	1.05	1	146	146	153	153	0.94	163
Total	156	.90½	5	357	71	323	65	2.30	141
Beam hands	156	1.16½	2	167	84	186	93	1.07	174
Card grinders	156	1.42	6	587	98	833	139	3.76	221
Card strippers	156	1.10	5	756	151	831	166	4.85	171
Carpenter	156	2.00	1	169	169	338	338	1.08	312
Cleaners	156	.46	12	556	46	261	22	3.56	73
Cloth inspectors	156	.84	3	408	136	343	114	2.62	131
	156	1.10	1	35	35	38	38	0.22	169
Total	156	.86	4	443	111	381	95	2.84	134
Cloth-room hands	156	.88½	9	224	25	198	22	1.44	138
Coal wheelers	156	1.16½	4	147	37	172	43	0.94	183
Doffers	156	.46	4	322	81	148	37	2.06	72
	156	.50	3	16	5	8	3	0.10	78
	156	.54	4	267	67	145	36	1.71	85
	156	.60	1	17	17	10	10	0.11	92
	156	.74	22	1,820	83	1,340	61	11.67	115
	156	.79	8	676	85	533	67	4.33	123
	156	.83	4	331	83	290	73	2.12	137
Total	156	.71½	46	3,449	75	2,474	54	22.10	112

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. — —Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Drawers-in	156	$0.83½	7	511	73	$427	$61	3.28	$130
	156	1.08	4	360	90	389	97	2.31	169
	156	1.19½	7	392	56	469	67	2.51	187
Total	156	1.01½	18	1,263	70	1,285	71	8.10	159
Drawing-frame tenders	156	.79	10	610	61	486	49	3.91	124
Elevator hands	156	1.05	4	300	75	315	79	1.92	164
Engineer	156	2.50	1	156	156	390	390	1.00	390
Filling carriers	156	1.05	1	152	152	160	160	0.97	164
	156	1.15	1	151	151	174	174	0.97	180
Total	156	1.10	2	303	152	334	167	1.94	172
Firemen	182	1.35	2	200	100	266	133	1.10	242
	156	1.60	1	160	160	256	256	1.03	250
Total	169	1.45	3	360	120	522	174	2.13	245
Folder	156	1.47	1	152	152	223	223	0.97	229
Foreman, yard hands	156	1.70	1	165	165	281	281	1.06	266
Loom fixers	156	1.33½	1	138	138	184	184	0.88	208
	156	1.40	2	302	151	423	212	1.94	219
	156	1.50	2	222	111	325	163	1.42	228
	156	1.66½	2	122	61	203	102	0.78	260
	156	1.91½	15	1,247	83	2,387	159	7.99	299
Total	156	1.73½	22	2,031	92	3,522	160	13.01	271
Machinists	156	1.00	1	5	5	5	5	0.03	156
	156	1.75	1	160	160	279	279	1.03	272
	156	2.25	1	164	164	370	370	1.05	352
Total	156	1.99	3	329	110	654	218	2.11	310
Oiler	156	1.05	1	140	140	147	147	0.90	164
Overseer, carding department	156	3.50	1	152	152	532	532	0.97	546
Overseer, cloth room	156	2.25	1	152	152	342	342	0.97	351
Overseer, spinning department	156	3.00	1	146	146	438	438	0.94	468
Overseer, spooling department	156	3.50	1	152	152	532	532	0.97	548
Overseer, weaving department	156	3.00	1	152	152	456	456	0.97	468
Picking-room hands	156	.79	6	439	73	346	58	2.81	123
	156	1.10	2	296	148	326	163	1.90	172
Total	156	.91½	8	735	92	672	84	4.71	143
Railway hands	156	.79	5	317	63	250	50	2.03	123
Roving carriers	156	.97	1	139	139	134	134	0.89	150
	156	1.00	1	4	4	4	4	0.03	156
	156	1.05	2	147	74	154	77	0.94	163
Total	156	1.00½	4	290	73	292	73	1.86	157
Scrubbers	156	.79	8	763	95	603	75	4.89	123
Second hands	156	1.30	1	151	151	196	196	0.97	202
	156	1.40	2	151	76	211	106	0.97	218
	156	1.66½	1	152	152	252	252	0.97	259
	156	1.91½	4	448	112	859	215	2.87	299
Total	156	1.68½	8	902	113	1,518	190	5.78	263

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

A.—Cotton Textiles: NORTHERN DISTRICT OF THE UNITED STATES—Concluded.

ESTABLISHMENT No.— —Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Slasher tenders	156	$1.68	2	306	153	$511	$256	1.96	$261
Speeders, coarse	156	1.38½	5	579	116	801	160	3.71	216
Speeders, fine	156	1.25½	8	422	53	530	66	2.71	196
	156	1.33	19	1,346	71	1,788	94	8.63	207
Total	156	1.31	27	1,768	65	2,318	86	11.34	205
Speeders, intermediate	156	1.26½	13	1,190	92	1,503	116	7.63	197
Spinners, frame	156	.46	17	1,373	81	632	37	8.80	72
	156	.68	15	1,165	78	794	53	7.47	106
	156	.88	32	2,063	64	1,815	57	13.22	137
	156	1.16	1	118	118	137	137	0.76	181
Total	156	.71½	65	4,719	73	3,379	52	30.25	112
Spinners, mule	156	1.92½	21	2,392	114	4,608	219	15.33	301
Spoolers	156	.77½	18	1,217	68	941	52	7.80	121
	156	.93½	33	1,792	54	1,680	51	11.49	146
	156	1.14½	2	144	72	165	83	0.92	179
Total	156	.88½	53	3,153	59	2,786	53	20.21	138
Third hands	156	1.20	4	301	75	361	90	1.93	187
Tubers	156	.26	15	549	37	148	10	3.52	42
Twisters	156	1.50	2	49	25	74	37	0.31	236
Warpers	156	1.26	2	139	70	175	88	0.89	196
	156	1.43	4	415	104	593	148	2.66	223
Total	156	1.38½	6	554	92	768	128	3.55	216
Watchmen	182	1.10	1	165	165	180	180	0.91	199
	182	1.25	1	179	179	215	215	0.98	219
	182	1.43	1	182	182	260	260	1.00	260
Total	182	1.24½	3	526	175	655	218	2.89	227
Weavers	156	.39	20	578	29	224	11	3.71	60
	156	.64	22	882	40	566	26	5.65	100
	156	.81½	33	1,995	60	1,621	49	12.79	127
	156	1.10	105	5,425	52	5,976	57	34.78	172
	156	1.34½	180	13,465	75	18,092	101	86.31	210
	156	1.47½	34	3,490	103	5,153	152	22.37	230
Total	156	1.22½	394	25,835	66	31,632	80	165.61	191
The establishment		1.17½	838	59,726	71	70,104	84	382.16	183

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES.

ESTABLISHMENT No. 42.

Baler	313	$0.76	1	176	176	$133	$133	0.56	$237
Card grinders	313	1.33	3	472	157	629	210	1.51	417
Card strippers	313	.60	2	35	18	21	11	0.11	188
	313	.68	19	491	26	332	17	1.57	212
	313	.75	12	829	69	623	52	2.65	235
Total	313	.72	33	1,355	41	976	30	4.33	225

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 42—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Carpenters	313	$1.08	1	25	25	$27	$27	0.08	$338
	313	1.25	1	148	148	185	185	0.47	391
	313	1.50	2	178	89	266	133	0.57	468
Total	313	1.36	4	351	88	478	120	1.12	426
Cloth inspector	313	.60	1	185	185	111	111	0.59	188
Doffers	313	.30	2	16	8	5	3	0.05	98
	313	.35	4	426	107	144	36	1.36	106
	313	.45	11	1,562	142	696	63	4.99	139
	313	.49	1	275	275	137	137	0.88	156
	313	.59½	1	258	258	154	154	0.82	187
Total	313	.45	19	2,537	134	1,136	60	8.10	140
Drawers-in	313	.90	2	546	273	484	242	1.74	277
Drawing-frame tenders	313	.40	2	75	38	30	15	0.24	125
	313	.50	2	510	255	248	124	1.63	152
	313	.60	6	371	62	222	37	1.19	187
	313	.68	2	115	58	77	39	0.37	210
Total	313	.54	12	1,071	89	577	48	3.43	169
Engineer and machinist	313	3.50	1	254	254	889	889	0.81	1,096
Filling carriers	313	.50	4	173	43	86	22	0.55	156
	313	.68	9	419	47	284	32	1.34	212
	313	.75	4	47	12	34	9	0.15	226
Total	313	.63	17	639	38	404	24	2.04	198
Fireman	313	1.25	1	347	347	434	434	1.11	391
Firemen, assistant	313	.50	1	129	129	65	65	0.41	158
	313	.68	2	174	87	118	59	0.56	212
Total	313	.60½	3	303	101	183	61	0.97	189
Folder	313	.81	1	276	276	223	223	0.88	253
Handers-in	313	.20	6	243	41	46	8	0.78	59
Loom fixers	313	1.58	4	172	43	272	68	0.55	495
	313	1.62½	1	306	306	498	498	0.98	509
Total	313	1.61	5	478	96	770	154	1.53	504
Oilers	313	.54	4	773	193	414	104	2.47	168
	313	.76	1	200	200	152	152	0.64	238
Total	313	.58	5	973	195	566	113	3.11	182
Overseer, carding department	313	3.00	1	308	308	924	924	0.98	939
Overseers, cloth room	313	1.00	1	88	88	88	88	0.28	313
	313	1.35	1	125	125	169	169	0.40	423
Total	313	1.20½	2	213	107	257	129	0.68	378
Overseer, spinning department	313	2.50	1	302	302	755	755	0.96	783
Overseer, weaving department	313	3.50	1	312	312	1,092	1,092	1.00	1,096
Picking-room hands	313	.70	3	239	80	168	56	0.76	220
	313	.76	5	586	117	446	89	1.87	238
Total	313	.74½	8	825	103	614	77	2.63	233

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 42—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Press hand	313	$0.68	1	75	75	$51	$51	0.24	$213
Railway hand	313	.60	1	71	71	43	43	0.23	190
Roller coverer	313	1.33	1	296	296	393	393	0.95	416
Roving carriers	313	.67	3	297	99	199	66	0.95	210
	313	.75	7	199	28	148	21	0.64	233
Total	313	.70	10	496	50	347	35	1.59	219
Scrubbers	313	.50	2	43	22	22	11	0.14	160
	313	.60	1	213	213	128	128	0.68	188
Total	313	.58½	3	256	85	150	50	0.82	183
Second hand	313	1.51	1	311	311	469	469	0.99	472
Second hands and watchmen	365	1.09½	1	315	315	345	345	0.86	400
	365	1.72	1	326	326	561	561	0.89	628
Total	365	1.41½	2	641	321	906	453	1.75	516
Slasher tender	313	1.75	1	278	278	486	486	0.89	547
Slasher tender's helper	313	.68	1	177	177	121	121	0.57	214
Speeders	313	.50	3	403	134	205	68	1.29	159
	313	.60	1	274	274	164	164	0.88	187
	313	.68	2	178	89	122	61	0.57	215
	313	.75	1	40	40	30	30	0.13	235
	313	.97	12	1,705	142	1,656	138	5.45	304
Total	313	.83½	19	2,600	137	2,177	115	8.32	262
Spinners, frame	313	.20	7	544	78	109	16	1.74	63
	313	.25	2	524	262	129	65	1.67	77
	313	.30	2	65	33	19	10	0.21	91
	313	.36	8	1,357	170	490	61	4.34	113
	313	.40	3	444	148	178	59	1.42	125
	313	.45	2	290	145	131	66	0.93	141
	313	.50	3	443	148	221	74	1.42	156
	313	.55	4	677	169	372	93	2.16	172
	313	.67	10	1,582	158	1,054	105	5.05	209
Total	313	.45½	41	5,926	145	2,703	66	18.94	143
Spoolers	313	.44½	11	1,314	119	586	53	4.20	140
	313	.61	3	632	211	387	129	2.02	192
Total	313	.50	14	1,946	139	973	70	6.22	157
Stitchers	313	.76	6	292	49	222	37	0.93	238
Sweepers	313	.20	12	755	63	152	13	2.41	63
	313	.25	10	1,117	112	272	27	3.57	76
	313	.30	4	470	118	141	35	1.50	94
Total	313	.24	26	2,342	90	565	22	7.48	76
Teamsters	313	.68	1	109	109	75	75	0.35	215
	313	.76	1	320	320	244	244	1.02	239
Total	313	.74½	2	429	215	319	160	1.37	233
Third hands	313	.80	2	325	163	261	131	1.04	251
	313	1.00	2	287	144	285	143	0.92	311
	313	1.12	1	33	33	37	37	0.11	351
Total	313	.90½	5	645	129	583	117	2.07	283

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 42—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Warpers	313	$0.54	1	63	63	$34	$34	0.20	$169
	313	.68	2	510	255	347	174	1.63	213
Total	313	.66½	3	573	191	381	127	1.83	208
Watchman	365	1.19	1	367	367	436	436	1.01	434
Water boys	313	.25	3	264	88	66	22	0.84	73
	313	.34	1	38	38	13	13	0.12	107
Total	313	.26	4	302	76	79	20	0.96	82
Weavers	313	.39⅓	15	922	61	362	24	2.95	123
	313	.63	37	3,174	86	1,995	54	10.14	197
	313	.87½	54	6,574	122	5,751	107	21.00	274
	313	1.07½	18	2,736	152	2,940	163	8.74	336
Total	313	.82½	124	13,406	108	11,048	89	42.83	258
Yard hands	313	.64	3	202	67	129	43	0.65	200
	313	.68	3	200	67	136	45	0.64	213
	313	.75	8	205	26	156	20	0.65	238
Total	313	.69½	14	607	43	421	30	1.94	217
The establishment	.....	.78	407	44,202	109	a34,554	85	140.79	245

ESTABLISHMENT No. 44.

Baler	156	$1.50	1	153	153	$230	$230	0.98	$235
Card grinders	156	1.35	3	460	153	620	207	2.95	210
Carders	156	.80	15	844	56	673	45	5.41	124
Carpenter	156	2.00	1	171	171	343	343	1.10	313
Doffers	156	.25	3	60	20	15	5	0.38	39
	156	.30	1	64	64	18	18	0.41	44
	156	.35	21	1,487	71	520	25	9.53	55
	156	.40	5	503	101	204	41	3.22	63
	156	.45	1	143	143	62	62	0.92	68
	156	.50	12	776	65	388	32	4.97	78
	156	.55	1	34	34	19	19	0.22	87
Total	156	.40	44	3,067	70	1,226	28	19.65	62
Drawers-in	156	(b)	8	(b)	(b)	886	111	(b)	(b)
Drawing-frame tenders	156	.60	9	480	53	289	32	3.08	94
	156	.65	2	294	147	194	97	1.88	103
	156	.75	1	105	105	79	79	0.67	117
Total	156	.64	12	879	73	562	47	5.63	100
Engineer	156	5.00	1	156	156	780	780	1.00	780
Filling carriers	156	.75	3	264	88	198	66	1.69	117
Firemen	156	1.25	1	123	123	149	149	0.79	189
	156	1.50	1	164	164	245	245	1.05	233
Total	156	1.37½	2	287	144	394	197	1.84	214

a Includes $2,402 expended for permanent improvements, which could not be eliminated from the different occupations given above.

b Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 44—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Laborers	156	$0.50	3	305	102	$153	$51	1.96	$78
	156	.60	3	157	52	94	31	1.01	93
	156	.65	1	149	149	97	97	0.96	102
	156	.70	1	14	14	10	10	0.09	111
	156	.75	5	496	99	372	74	3.18	117
	156	.85	1	151	151	129	129	0.97	133
	156	.90	12	1,082	90	974	81	6.94	140
	156	1.00	9	835	93	835	93	5.35	156
	156	1.35	2	50	25	65	33	0.32	203
	156	1.50	2	169	85	260	130	1.08	240
Total	156	.87½	39	3,408	87	2,989	77	21.86	137
Loom fixers	156	1.75	8	852	107	1,492	187	5.46	273
Machinists	156	2.00	1	172	172	344	344	1.10	312
	156	2.25	1	169	169	381	381	1.08	352
Total	156	2.12½	2	341	171	725	363	2.18	332
Master machinist	156	3.13	1	172	172	538	538	1.10	488
Measurer	156	1.25	1	88	88	110	110	0.56	195
Overseer, carding department	156	3.14½	1	156	156	491	491	1.00	491
Overseer, cloth room	156	2.75	1	156	156	429	429	1.00	429
Overseer, spinning department	156	3.14½	1	156	156	491	491	1.00	491
Overseer, weaving department	156	3.14	1	156	156	490	490	1.00	490
Picking-room hands	156	.75	4	291	73	219	55	1.87	117
	156	.85	2	302	151	257	129	1.94	133
Total	156	.80½	6	593	99	476	79	3.81	125
Room girls	156	.90	3	262	87	235	78	1.68	140
Roving carriers	156	.75	2	62	31	46	23	0.40	116
Second hands	156	1.00	4	448	112	448	112	2.87	156
	156	1.25	1	156	156	195	195	1.00	195
	156	1.50	2	303	152	454	227	1.94	234
	156	1.60	1	38	38	61	61	0.24	250
Total	156	1.22½	8	945	118	1,158	145	6.05	191
Slasher tenders	156	1.00	2	331	166	331	166	2.12	156
Slasher tender, head	156	2.00	1	154	154	307	307	0.99	311
Speeders, coarse	156	(a)	10	(a)	(a)	544	54	(a)	(a)
Speeders, fine	156	(a)	19	(a)	(a)	1,461	77	(a)	(a)
Spinners, frame	156	(a)	42	(a)	(a)	2,119	50	(a)	(a)
Stitcher	156	.90	1	148	148	133	133	0.95	140
Warpers	156	(a)	2	(a)	(a)	316	158	(a)	(a)
Watchmen	156	.75	1	12	12	9	9	0.08	117
	156	2.50	1	156	156	390	390	1.00	390
Total	156	2.37½	2	168	84	399	200	1.08	371
Weavers	156	(a)	197	(a)	(a)	9,862	50	(a)	(a)
Winders	156	(a)	25	(a)	(a)	1,321	53	(a)	(a)
The establishment	.....	(b)	465	(b)	(b)	32,375	70	(b)	(b)

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 46.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Back tenders	312	$0.55	1	214	214	$113	$113	0.69	$165
	312	.60	1	217	217	134	134	0.70	193
	312	.65	5	361	72	236	47	1.16	204
	312	.90	1	263	263	233	233	0.84	276
Total	312	.68	8	1,055	132	716	90	3.39	212
Bobbin boys	312	.48	4	261	65	125	31	0.84	149
Bricklayer	312	2.10	1	10	10	21	21	0.03	655
Brushers	312	.95	2	531	266	506	253	1.70	297
	312	1.00	3	288	96	290	97	0.92	314
Total	312	.97	5	819	164	796	159	2.62	303
Card clothier	312	1.40	1	244	244	332	332	0.78	425
Card grinders	312	1.00	3	441	147	444	148	1.41	314
	312	1.30	6	1,476	246	1,910	318	4.73	404
Total	312	1.23	9	1,917	213	2,354	262	6.14	383
Card strippers	312	.75	9	543	60	407	45	1.74	234
	312	.80	26	2,326	89	1,866	72	7.46	250
	312	.85	7	884	126	739	106	2.83	261
	312	.90	2	288	144	253	127	0.92	274
Total	312	.81	44	4,041	92	3,265	74	12.95	252
Carpenters	312	1.50	3	38	13	57	19	0.12	468
Cloth inspectors	312	.80	1	148	148	118	118	0.47	249
	312	.85	1	285	285	242	242	0.91	265
	312	.95	1	74	74	69	69	0.24	291
Total	312	.84½	3	507	169	429	143	1.62	264
Cloth tackers	312	.30	1	13	13	4	4	0.04	96
	312	.35	2	102	51	37	19	0.33	113
	312	.40	1	189	189	75	75	0.61	124
	312	.50	1	123	123	62	62	0.39	157
Total	312	.41½	5	427	85	178	36	1.37	130
Doffers	312	.25	1	125	125	34	34	0.40	85
	312	.30	7	866	124	251	36	2.78	90
	312	.35	12	1,326	111	479	40	4.25	113
	312	.40	25	3,623	145	1,467	59	11.61	126
	312	.45	9	1,211	135	535	59	3.88	138
	312	.50	1	187	187	93	93	0.60	155
	312	.55	1	300	300	158	158	0.96	164
Total	312	.39½	56	7,638	136	3,017	54	24.48	123
Drawers-in	312	(a)	16	(a)	(a)	1,049	66	(a)	(a)
Drawing-frame tenders	312	.65	1	100	100	67	67	0.32	209
	312	.70	10	1,390	139	984	98	4.46	221
	312	.75	12	575	48	431	36	1.84	234
	312	.80	1	100	100	79	79	0.32	246
Total	312	.72	24	2,165	90	1,561	65	6.94	225
Electric light tender	312	1.25	1	290	290	366	366	0.93	394
Elevator hands	312	.45	1	292	292	133	133	0.94	142
	312	.90	2	295	148	266	133	0.95	281
Total	312	.68	3	587	196	399	133	1.89	212

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 46—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Filling carriers	312	$0.75	2	69	35	$51	$26	0.22	$231
	312	.80	10	436	44	348	35	1.50	249
Total	312	.79	12	505	42	399	33	1.62	247
Fireman	312	1.25	1	302	302	377	377	0.97	389
Folders	312	.90	1	8	8	7	7	0.03	273
	312	.95	3	87	29	83	28	0.28	298
Total	312	.94½	4	95	24	90	23	0.31	296
Harness hand	312	.65	1	145	145	94	94	0.46	202
Laborers	312	.50	1	52	52	26	26	0.17	156
	312	.80	13	1,550	119	1,241	95	4.97	250
	312	1.00	6	37	6	37	6	0.12	312
	312	1.44⅛	2	18	9	26	13	0.06	451
Total	312	.80½	22	1,657	75	1,330	60	5.32	250
Loom fixers	312	1.50	9	1,756	195	2,634	293	5.63	468
Machinists	312	1.75	1	302	302	528	528	0.97	545
	312	2.00	1	227	227	453	453	0.73	623
	312	2.25	1	55	55	123	123	0.18	698
Total	312	1.89	3	584	195	1,104	368	1.88	590
Master machinist	312	3.34⅓	1	312	312	1,044	1,044	1.00	1,044
Oilers	312	.75	1	302	302	225	225	0.97	232
	312	.80	1	177	177	144	144	0.57	254
Total	312	.77	2	479	240	369	185	1.54	240
Overseer, carding department	312	4.00	1	309	309	1,236	1,236	0.99	1,248
Overseer, cloth room	312	1.25	1	308	308	385	385	0.99	390
Overseer, spinning department	312	3.50	1	309	309	1,082	1,082	0.99	1,093
Overseer, spooling department	312	3.25	1	309	309	1,004	1,004	0.99	1,014
Overseer, weaving department	312	3.50	1	308	308	1,078	1,078	0.99	1,092
Painters	312	1.25	1	134	134	167	167	0.43	389
	312	1.50	2	13	7	20	10	0.04	480
Total	312	1.27	3	147	49	187	62	0.47	397
Pattern maker	312	1.75	1	306	306	539	539	0.98	550
Picking-room hands	312	.90	10	1,111	111	998	100	3.56	280
Piecers	312	.75	2	236	118	174	87	0.76	230
Press hands	312	1.25	2	299	150	374	187	0.96	390
Railway hands	312	.75	8	1,114	139	829	104	3.57	232
	312	.85	1	221	221	202	202	0.71	285
Total	312	.77	9	1,335	148	1,031	115	4.28	241
Roller coverer	312	2.25	1	287	287	646	646	0.92	702
Room girl	312	.90	1	198	198	178	178	0.63	280
Roving carriers	312	.80	3	582	194	466	155	1.87	250
Second hands	312	1.20	1	274	274	325	325	0.88	370
	312	1.25	1	309	309	386	386	0.99	390
	312	1.50	1	306	306	481	481	0.98	490
	312	1.80	1	309	309	560	560	0.99	565
	312	1.90	3	539	180	1,023	341	1.73	592
Total	312	1.60	7	1,737	248	2,775	396	5.57	498

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 46—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Shafting hand	312	$0.95	1	301	301	$287	$287	0.96	$297
Slasher tenders	312	1.20	2	550	275	660	330	1.76	374
Slasher tenders' helpers	312	.87½	2	320	160	280	140	1.03	273
Speeders, coarse	312	.70	1	97	97	67	67	0.31	216
	312	.75	13	845	65	635	49	2.71	234
	312	(a)	11	(a)	(a)	1,583	144	(a)	(a)
Total	312	(b)	25	(b)	(b)	2,285	91	(b)	(b)
Speeders, fine	312	(a)	20	(a)	(a)	2,306	115	(a)	(a)
Spinners, frame	312	.25	4	139	35	37	9	0.45	83
	312	.30	18	1,548	86	458	25	4.96	92
	312	.35	3	510	170	178	59	1.63	109
	312	.40	9	975	108	388	43	3.13	124
	312	.45	7	961	137	425	61	3.08	138
	312	.50	5	772	154	386	77	2.47	156
	312	.55	19	3,195	168	1,765	93	10.24	172
	312	.60	6	1,151	192	683	114	3.69	185
	312	.65	3	525	175	340	113	1.68	202
	312	.70	12	1,744	145	1,232	103	5.59	220
	312	.75	6	964	161	724	121	3.09	234
	312	.80	19	2,918	154	2,314	122	9.35	247
	312	.85	2	228	114	190	95	0.73	260
	312	.90	1	114	114	101	101	0.37	276
Total	312	.58½	114	15,744	138	9,221	81	50.46	183
Spoolers	312	(a)	62	(a)	(a)	4,359	70	(a)	(a)
Stamper	312	.95	1	227	227	211	211	0.73	290
Sweepers	312	.25	11	758	69	192	17	2.43	79
	312	.30	6	252	42	76	13	0.81	94
	312	.35	5	451	90	153	31	1.45	106
	312	.40	1	84	84	33	33	0.27	123
	312	.50	7	442	63	222	32	1.42	157
	312	.55	1	151	151	86	86	0.48	178
	312	.60	1	288	288	173	173	0.92	187
Total	312	.38½	32	2,426	76	935	29	7.78	120
Teamster	312	1.00	1	279	279	279	279	0.89	312
Third hands	312	.85	1	286	286	236	236	0.92	257
	312	.90	1	281	281	252	252	0.90	280
	312	1.25	5	768	154	954	191	2.46	388
	312	1.30	1	112	112	144	144	0.36	401
	312	1.40	1	293	293	419	419	0.94	446
Total	312	1.15	9	1,740	193	2,005	223	5.58	360
Tinsmith	312	1.75	1	93	93	162	162	0.30	543
Warpers	312	(a)	6	(a)	(a)	764	127	(a)	(a)
Waste hand	312	.95	1	302	302	287	287	0.97	297
Watchmen	364	1.00	4	1,034	259	1,034	259	2.84	364
Weavers	312	(a)	429	(a)	(a)	30,281	71	(a)	(a)
Wheelman	312	1.00	1	294	294	294	294	0.94	312
Yarn hands	312	.45	1	298	298	139	139	0.96	146
	312	.80	6	145	24	116	19	0.46	250
Total	312	.57½	7	443	63	255	36	1.42	180
The establishment	.....	(b)	1,000	(b)	(b)	c 90,164	90	(b)	(b)

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.
c The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 47.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Balers	294	$1.00	2	313	157	$317	$159	1.06	$298
	294	1.25	2	384	192	480	240	1.31	368
Total	294	1.14½	4	697	174	797	199	2.37	336
Beamers	294	1.50	1	272	272	429	429	0.93	464
	294	1.75	5	918	184	1,604	321	3.12	514
Total	294	1.71	6	1,190	198	2,033	339	4.05	502
Blacksmith	294	2.00	1	266	266	532	532	0.90	588
Brushers	294	1.14	2	501	251	571	286	1.70	335
Card grinders	294	1.00	2	264	132	274	137	0.90	305
	294	1.25	1	113	113	143	143	0.38	372
	294	1.30	22	2,810	128	3,656	166	9.55	383
Total	294	1.28	25	3,187	127	4,073	163	10.83	376
Card strippers	294	.80	5	221	44	178	36	0.75	237
	294	.85	4	463	116	397	99	1.57	252
	294	.90	77	3,723	48	3,359	44	12.66	265
	294	.95	15	1,860	124	1,745	116	6.33	276
	294	1.00	3	311	104	309	103	1.06	292
Total	294	.91	104	6,578	63	5,988	58	22.37	268
Carpenters	294	1.50	3	89	30	133	44	0.30	439
	294	1.75	4	490	123	857	214	1.67	514
	294	2.00	3	281	94	563	188	0.96	589
	294	2.25	1	325	325	730	730	1.11	660
Total	294	1.92½	11	1,185	108	2,283	208	4.04	566
Cloth inspectors	294	1.00	7	973	139	972	139	3.31	294
	294	1.15	1	273	273	312	312	0.93	336
	294	1.20	3	414	138	499	166	1.41	354
	294	1.25	4	605	151	755	189	2.06	367
Total	294	1.12	15	2,265	151	2,538	169	7.71	329
Doffers	294	.35	40	1,778	44	627	16	6.05	104
	294	.40	28	3,402	122	1,393	50	11.57	120
	294	.50	23	2,255	98	1,130	49	7.67	147
	294	.55	6	1,149	192	625	104	3.91	160
	294	.75	1	8	8	6	6	0.03	221
Total	294	.44	98	8,592	88	3,781	39	29.23	129
Drawers-in	294	.33⅓	18	975	54	327	18	3.32	99
	294	.51½	18	1,671	93	863	48	5.68	152
	294	.79	19	2,608	137	2,057	108	8.87	232
	294	.96	9	1,618	180	1,554	173	5.50	282
	294	1.20	1	282	282	339	339	0.96	353
Total	294	.72	65	7,154	110	5,140	79	24.33	211
Drawing-frame tenders	294	.50	1	238	238	125	125	0.81	154
	294	.65	33	1,265	38	832	25	4.30	193
	294	.70	10	178	18	125	13	0.61	206
	294	.75	3	149	50	109	36	0.51	215
	294	.80	2	187	94	155	78	0.64	244
Total	294	.66½	49	2,017	41	1,346	27	6.87	196
Dyeing-room hands	294	1.00	3	371	124	355	118	1.26	281
	294	1.10	2	246	123	276	138	0.84	330

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 47—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Dyeing-room hands—concluded	294	$1.15	5	950	190	$1,106	$221	3.23	$342
	294	1.25	3	309	103	390	130	1.05	371
	294	1.35	3	587	196	792	264	2.00	397
	294	1.50	1	175	175	263	263	0.60	442
Total	294	1.20½	17	2,638	155	3,182	187	8.98	355
Filling carriers	294	.80	1	282	282	228	228	0.96	238
	294	1.00	9	899	100	891	99	3.06	291
Total	294	.95	10	1,181	118	1,119	112	4.02	279
Fireman	294	1.50	1	293	293	439	439	1.00	440
Folders	294	1.00	4	522	131	521	130	1.78	293
Foreman, repairers	294	5.00	1	301	301	1,501	1,501	1.02	1,466
Foreman, yard hands	294	4.00	1	301	301	1,201	1,201	1.02	1,173
Laborers	294	.75	5	71	14	53	11	0.24	219
	294	.80	7	455	65	371	53	1.55	240
	294	.90	11	2,014	183	1,810	165	6.85	264
	294	1.00	6	557	93	557	93	1.89	294
	294	1.15	1	284	284	327	327	0.97	339
	294	1.25	1	266	266	332	332	0.90	367
Total	294	.94½	31	3,647	118	3,450	111	12.40	278
Loom fixers	294	1.50	5	574	115	876	175	1.95	449
	294	1.60	2	293	147	465	233	1.00	467
	294	1.70	4	774	194	1,316	329	2.63	500
	294	1.75	10	2,041	204	3,575	358	6.94	515
Total	294	1.69½	21	3,682	175	6,232	297	12.52	498
Machinists	294	1.50	3	290	97	446	149	0.99	452
	294	1.75	1	330	330	577	577	1.12	514
	294	2.00	1	242	242	483	483	0.82	587
Total	294	1.74½	5	862	172	1,506	301	2.93	514
Masons	294	2.40	1	30	30	72	72	0.10	706
	294	2.50	2	25	13	62	31	0.09	729
	294	2.75	1	11	11	30	30	0.04	802
Total	294	2.48½	4	66	17	164	41	0.23	731
Oilers	294	.75	4	285	71	216	54	0.97	223
	294	.80	19	1,056	56	844	44	3.59	235
Total	294	.79	23	1,341	58	1,060	46	4.56	232
Overseer, carding department	294	4.50	1	313	313	1,405	1,405	1.06	1,320
Overseer, cloth room	294	4.00	1	301	301	1,201	1,201	1.02	1,173
Overseer, dyeing room	294	6.00	1	300	300	1,788	1,788	1.02	1,752
Overseers, spinning department	294	4.00	1	20	20	80	80	0.07	1,176
	294	4.50	2	248	124	1,116	558	0.84	1,323
Total	294	4.46⅛	3	268	89	1,196	399	0.91	1,312
Overseers, weaving department	294	4.00	1	29	29	114	114	0.10	1,156
	294	4.50	1	168	168	756	756	0.57	1,323
Total	294	4.41½	2	197	99	870	435	0.67	1,298

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 47—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Overseer and second hand	294	$2.72	1	150	150	$408	$408	0.51	$800
Painters	294	1.25	12	1,238	103	1,546	129	4.21	367
	294	2.00	1	138	138	276	276	0.47	588
	294	2.47½	1	7	7	17	17	0.02	714
Total	294	1.33	14	1,383	99	1,839	131	4.70	391
Picking-room hands	294	.75	7	454	65	341	49	1.54	221
	294	.80	16	1,506	94	1,218	76	5.12	238
Total	294	.79½	23	1,960	85	1,559	68	6.66	234
Piecers	294	.40	1	67	67	26	26	0.23	114
	294	.50	3	387	129	199	66	1.32	151
	294	.55	15	1,122	75	602	40	3.82	158
	294	.60	2	39	20	24	12	0.13	181
Total	294	.52½	21	1,615	77	851	41	5.50	155
Plumber	294	2.00	1	304	304	607	607	1.03	587
Quillers	294	1.00	22	2,540	115	2,514	114	8.64	291
	294	1.25	1	165	165	199	199	0.56	355
Total	294	1.00½	23	2,705	118	2,713	118	9.20	295
Reelers	294	.48	3	413	138	199	66	1.40	142
	294	1.35½	2	464	232	628	314	1.58	398
Total	294	.94½	5	877	175	827	165	2.98	277
Repairers	294	.80	1	105	105	84	84	0.36	235
	294	1.00	6	248	41	247	41	0.84	293
Total	294	.94	7	353	50	331	47	1.20	276
Room girl	294	1.00	1	152	152	148	148	0.52	286
Roving carriers	294	.71	2	138	69	100	50	0.47	213
	294	.75	4	125	31	95	24	0.43	223
	294	.80	7	860	123	699	100	2.93	239
	294	.85	2	458	229	380	190	1.56	244
Total	294	.80½	15	1,581	105	1,274	85	5.39	237
Scrubbers	294	.70	1	162	162	111	111	0.55	201
	294	.75	1	49	49	38	38	0.17	228
	294	1.00	1	262	262	252	252	0.89	283
Total	294	.85	3	473	158	401	134	1.61	249
Second hands	294	1.50	2	430	215	644	322	1.46	440
	294	1.75	2	558	279	1,001	501	1.90	527
	294	1.90	2	575	288	1,102	551	1.96	563
	294	2.16½	2	468	234	1,018	509	1.59	640
Total	294	1.85½	8	2,031	254	3,765	471	6.91	545
Slasher tenders	294	1.15	1	245	245	276	276	0.83	331
	294	1.20	1	194	194	232	232	0.66	352
	294	1.25	1	214	214	268	268	0.73	368
	294	1.39	1	262	262	363	363	0.89	407
	294	1.50	2	539	270	810	405	1.83	442
Total	294	1.34	6	1,454	242	1,949	325	4.94	304

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 47—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Speeders, coarse	294	$0.99	9	1,262	140	$1,249	$139	4.29	$291
	294	1.09	2	416	208	453	227	1.41	320
Total	294	1.01½	11	1,678	153	1,702	155	5.70	298
Speeders, fine	294	.83½	3	239	80	199	66	0.81	245
	294	1.04½	28	4,500	161	4,709	168	15.31	308
	294	1.16	7	1,133	162	1,314	188	3.85	341
Total	294	1.06	38	5,872	155	6,222	164	19.97	312
Spinners	294	.27	12	122	10	33	3	0.41	80
	294	.35	5	403	81	147	29	1.37	107
	294	.40	6	622	104	262	44	2.12	124
	294	.45	10	1,378	138	619	62	4.69	132
	294	.50	22	1,627	74	812	37	5.53	147
	294	.55	30	2,732	91	1,491	50	9.29	160
	294	.60	18	2,397	133	1,435	80	8.15	176
	294	.65	19	2,446	129	1,602	84	8.32	193
	294	.70	13	1,546	119	1,087	84	5.26	207
	294	.75	13	1,984	153	1,495	115	6.75	222
	294	.80	24	2,392	100	1,926	80	8.14	237
	294	.85	18	2,527	140	2,146	119	8.60	250
	294	.90	6	833	139	742	124	2.83	262
	294	.95	4	957	239	904	226	3.26	278
	294	1.00	1	155	155	152	152	0.53	288
Total	294	.67	201	22,121	110	14,851	74	75.25	197
Spoolers	294	.35	7	346	49	122	17	1.18	104
	294	.40	17	978	58	391	23	3.33	118
	294	.45	19	1,428	75	645	34	4.86	133
	294	.50	9	851	95	432	48	2.89	149
	294	.55	20	1,860	93	1,031	52	6.33	163
	294	.60	20	2,352	118	1,423	71	8.00	178
	294	.65	9	963	107	627	70	3.28	191
	294	.70	18	2,398	133	1,683	94	8.16	206
	294	.75	20	1,975	99	1,495	75	6.72	223
	294	.80	28	3,325	119	2,668	95	11.31	236
	294	.85	11	1,122	102	955	87	3.82	250
	294	.90	6	788	131	714	119	2.68	266
	294	.95	3	228	76	217	72	0.78	280
	294	1.05	4	467	117	491	123	1.59	309
Total	294	.67½	191	19,081	100	12,894	68	64.93	199
Sweepers	294	.20	2	10	5	2	1	0.03	59
	294	.25	6	27	5	7	1	0.09	76
	294	.30	3	11	4	3	1	0.04	80
	294	.35	2	14	7	5	3	0.05	105
	294	.40	10	98	10	39	4	0.33	117
	294	.45	26	984	38	444	17	3.35	133
	294	.50	28	911	33	464	17	3.10	150
	294	.60	2	14	7	8	4	0.05	168
Total	294	.47	79	2,069	26	972	12	7.04	138
Tentering-machine hands	294	1.20	1	244	244	293	293	0.83	353
	294	1.40	1	284	284	398	398	0.97	412
Total	294	1.31	2	528	264	691	346	1.80	385
Third hands	294	.85	5	649	130	545	109	2.21	247
	294	.90	4	341	85	310	78	1.16	267
	294	1.00	3	601	200	601	200	2.04	294
	294	1.10	2	306	153	347	174	1.04	333
	294	1.20	5	385	77	466	93	1.31	356
	294	1.30	1	275	275	353	353	0.94	377
Total	294	1.02½	20	2,557	128	2,622	131	8.70	301

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. **47**—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Trimmer	294	$1.20	1	93	93	$112	$112	0.32	$354
Warpers	294	.80	1	204	204	167	167	0.69	241
	294	1.00	4	749	187	732	183	2.55	287
	294	1.50	3	95	32	142	47	0.32	439
Total	294	.99½	8	1,048	131	1,041	130	3.56	292
Watchmen	343	.50	1	238	238	119	119	0.69	172
	343	.90	4	370	93	339	85	1.08	314
	343	1.15	4	1,079	270	1,241	310	3.15	394
	343	1.25	1	304	304	379	379	0.89	428
Total	343	1.04½	10	1,991	199	2,078	208	5.81	358
Weavers	294	.49½	31	1,160	37	573	18	3.95	145
	294	.73	169	10,273	61	7,483	44	34.94	214
	294	.93	337	25,223	75	23,443	70	85.79	273
	294	1.14½	97	15,188	157	17,388	179	51.66	337
	294	1.40	23	3,694	161	5,174	225	12.56	412
	294	1.65½	4	562	141	930	233	1.91	487
Total	294	.98	661	56,100	85	54,991	83	190.81	288
Yard hands	294	.80	1	5	5	4	4	0.02	235
	294	.90	7	914	131	822	117	3.11	264
	294	1.00	6	1,531	255	1,528	255	5.21	293
Total	294	.96	14	2,450	175	2,354	168	8.34	282
Yarn hands	294	.85	1	189	189	159	159	0.64	247
	294	.90	1	263	263	238	238	0.89	266
	294	.95	3	475	158	451	150	1.62	279
	294	1.00	3	399	133	401	134	1.36	295
	294	1.10	1	258	258	280	280	0.88	319
	294	1.15	1	279	279	321	321	0.95	338
Total	294	.99½	10	1,863	186	1,850	185	6.34	292
The establishment		.96	1,880	182,334	97	a174,969	93	619.26	283

ESTABLISHMENT No. **49.**

Balers	156	$1.75	5	212	42	$370	$74	1.36	$272
Band boys	156	.55	4	272	68	149	37	1.74	85
	156	.75	1	153	153	117	117	0.98	119
Total	156	.62½	5	425	85	266	53	2.72	98
Bricklayers	156	2.00	2	27	14	55	28	0.17	318
	156	3.50	3	18	6	63	21	0.12	546
Total	156	2.62	5	45	9	118	24	0.29	409
Card grinders	156	1.25	1	60	60	75	75	0.38	195
	156	1.35	2	241	121	327	164	1.54	212
	156	1.60	5	752	150	1,203	241	4.82	250
Total	156	1.52½	8	1,053	132	1,605	201	6.74	238

a The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 49—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Card strippers	156	$0.90	18	1,644	91	$1,471	$82	10.54	$140
Carpenters	156	2.25	1	161	161	361	361	1.03	350
	156	2.40	1	154	154	370	370	0.99	375
Total	156	2.32	2	315	158	731	366	2.02	362
Cloth-room hands	156	.55	3	28	9	15	5	0.18	84
	156	.60	6	476	79	283	47	3.05	93
	156	.70	5	236	47	166	33	1.51	110
	156	.80	3	204	68	162	54	1.31	124
	156	.90	1	95	95	85	85	0.61	140
	156	.97½	1	150	150	146	146	0.96	152
	156	1.00	3	302	101	302	101	1.94	156
	156	1.54	1	124	124	191	191	0.79	240
Total	156	.83½	23	1,615	70	1,350	59	10.35	130
Doffers	156	.25	41	619	15	157	4	3.97	40
	156	.30	31	1,143	37	342	11	7.33	47
	156	.35	23	1,149	50	404	18	7.37	55
	156	.40	33	2,086	63	831	25	13.37	62
	156	.45	22	2,047	93	918	42	13.12	70
	156	.50	38	3,594	95	1,783	47	23.04	77
	156	.55	6	655	109	357	60	4.20	85
	156	.60	13	617	47	368	28	3.96	93
	156	.65	2	26	13	17	9	0.17	102
Total	156	.43½	209	11,936	57	5,177	25	76.53	68
Doffers, head	156	.75	4	463	116	348	87	2.97	117
	156	.85	2	91	46	80	40	0.58	137
Total	156	.77½	6	554	92	428	71	3.55	121
Drawers-in	156	1.25	2	140	70	175	88	0.90	195
Drawing-frame tenders	156	.45	8	235	29	106	13	1.51	70
	156	.55	13	1,527	117	837	64	9.79	86
Total	156	.53½	21	1,762	84	943	45	11.30	83
Elevator hands	156	1.00	2	157	79	157	79	1.01	156
Engineers	156	4.18	2	155	78	648	324	0.99	652
Engineers' helpers	182	1.50	11	689	63	1,032	94	3.79	273
Filling carriers	156	.45	29	890	31	404	14	5.71	71
	156	.50	7	495	71	247	35	3.17	78
	156	.55	5	220	44	123	25	1.41	87
	156	.60	8	123	15	73	9	0.79	93
	156	.65	2	65	33	41	21	0.42	98
	156	.70	2	169	85	120	60	1.08	111
Total	156	.51½	53	1,962	37	1,008	19	12.58	80
Firemen	182	2.00	4	365	91	729	182	2.01	364
Folders	156	.80	3	361	120	288	96	2.31	124
Laborers	156	.50	2	84	42	42	21	0.54	78
	156	.55	1	153	153	84	84	0.98	86
	156	.65	4	270	68	175	44	1.73	101
	156	.80	2	191	96	153	77	1.22	125
	156	.85	1	153	153	131	131	0.98	134
	156	.90	3	249	83	230	77	1.60	144
	156	1.00	7	52	7	52	7	0.33	156
Total	156	.75½	20	1,152	58	867	43	7.38	117

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 49—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Loom fixers	156	$1.10	1	52	52	$57	$57	0.33	$171
	156	1.30	2	276	138	355	178	1.77	201
	156	1.50	5	593	119	896	179	3.80	236
	156	1.60	8	860	108	1,378	172	5.51	250
	156	1.75	2	171	86	300	150	1.10	274
Total	156	1.53	18	1,952	108	2,986	166	12.51	239
Machinists	156	2.00	1	117	117	233	233	0.75	311
	156	2.25	2	319	160	717	359	2.04	351
	156	2.50	1	183	183	457	457	1.17	390
	156	3.00	1	14	14	41	41	0.09	457
Total	156	2.29	5	633	127	1,448	290	4.05	357
Master machinists	156	4.00	2	157	79	628	314	1.01	624
Oilers	156	.75	2	280	140	207	104	1.79	115
	156	.85	1	153	153	131	131	0.98	134
	156	.90	2	252	126	233	117	1.62	144
	156	1.00	10	525	53	524	52	3.37	156
	156	1.21	2	184	92	223	112	1.18	189
Total	156	.94½	17	1,394	82	1,318	78	8.94	147
Overseer, carding department	156	4.00	1	156	156	624	624	1.00	624
Overseer, cloth room	156	2.50	1	156	156	390	390	1.00	390
Overseers, spinning department	156	2.92	1	134	134	391	391	0.86	455
	156	4.00	1	34	34	136	136	0.22	624
Total	156	3.13½	2	168	84	527	264	1.08	489
Overseer, weaving department	156	4.00	1	156	156	624	624	1.00	624
Picking-room hands	156	.70	24	895	37	628	26	5.74	109
	156	.92½	10	1,094	109	1,014	101	7.01	145
	156	1.00	8	610	76	610	76	3.91	156
Total	156	.86½	42	2,599	62	2,252	54	16.66	135
Policeman	156	.50	1	26	26	13	13	0.17	78
Railway hands	156	.35	7	312	45	109	16	2.00	55
	156	.45	10	246	25	112	11	1.58	71
	156	.55	18	1,296	72	705	39	8.31	85
Total	156	.50	35	1,854	53	926	26	11.89	78
Reelers	156	.50	3	52	17	27	9	0.33	81
	156	.65	7	600	86	390	56	3.85	101
	156	.70	4	540	135	373	93	3.46	108
Total	156	.66½	14	1,192	85	790	56	7.64	103
Roller coverer	156	1.40	1	153	153	214	214	0.98	218
Room girls	156	1.00	7	802	115	802	115	5.14	156
Roving carriers	156	.50	1	91	91	46	46	0.58	79
	156	.55	5	438	88	241	48	2.81	86
	156	.60	4	247	62	150	38	1.58	95
	156	.65	7	394	56	255	36	2.53	101
	156	.70	3	164	55	114	38	1.05	108
Total	156	.60½	20	1,334	67	806	40	8.55	94

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 49—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Scrubbers	156	$0.75	2	308	154	$231	$116	1.97	$117
Second hands	156	2.25	10	1,105	111	2,486	249	7.08	351
Slasher tenders	156	1.25	7	755	108	938	134	4.84	194
Slasher tender, head	156	2.00	1	160	160	320	320	1.03	312
Speeders, coarse	156	.66½	13	1,289	99	855	66	8.26	103
	156	.82½	3	434	145	358	119	2.78	129
Total	156	.70½	16	1,723	108	1,213	76	11.04	110
Speeders, fine	156	.68	31	3,000	97	2,039	66	19.23	106
	156	.83½	17	1,998	118	1,668	98	12.81	130
Total	156	.74	48	4,998	104	3,707	77	32.04	116
Speeders, intermediate	156	.75½	13	1,195	92	900	69	7.66	117
	156	.91½	6	649	108	593	99	4.16	143
Total	156	.81	19	1,844	97	1,493	79	11.82	126
Spinners, frame	156	.25	15	445	30	116	8	2.85	41
	156	.30	7	302	43	94	13	1.94	49
	156	.36	18	1,209	67	424	24	7.75	55
	156	.40	12	931	78	375	31	5.97	63
	156	.45	7	659	94	294	42	4.22	70
	156	.50	9	930	103	464	52	5.96	78
	156	.55	39	3,861	99	2,123	54	24.75	86
	156	.60	19	1,810	95	1,081	57	11.60	93
	156	.65	3	289	96	188	63	1.85	101
Total	156	.49½	129	10,436	81	5,159	40	66.89	77
Spoolers	156	.55	5	277	55	153	31	1.78	86
	156	.65	9	399	44	259	29	2.56	101
	156	.70	34	3,510	103	2,454	72	22.50	109
Total	156	.68½	48	4,186	87	2,866	60	26.84	107
Stamper	156	1.25	1	153	153	192	192	0.98	196
Sweepers	156	.45	47	3,588	76	1,621	34	23.00	70
	156	.62½	1	149	149	93	93	0.96	97
	156	.75	1	151	151	113	113	0.97	117
Total	156	.47	49	3,888	79	1,827	37	24.93	73
Third hands	156	1.00	1	60	60	60	60	0.38	156
	156	1.25	4	262	66	327	82	1.68	195
	156	1.50	2	304	152	457	229	1.95	235
Total	156	1.35	7	626	89	844	121	4.01	210
Warpers	156	.70	9	1,010	112	691	77	6.47	107
	156	.85	5	739	148	628	126	4.74	133
Total	156	.75½	14	1,749	125	1,319	94	11.21	118
Watchmen	182	1.50	4	360	90	538	135	1.98	272
	182	1.65	2	167	84	275	138	0.92	300
Total	182	1.54½	6	527	88	813	136	2.90	281

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 49—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Weavers	156	$0.29½	18	320	18	$95	$5	2.05	$46
	156	.58½	14	262	19	153	11	1.68	91
	156	.77	18	1,219	68	939	52	7.81	120
	156	(a)	251	(a)	(a)	23,348	93	(a)	(a)
Total	156	(b)	301	(b)	(b)	24,535	82	(b)	(b)
Yard hands	156	1.25	18	478	27	598	33	3.06	195
	156	1.50	16	227	14	340	21	1.46	234
Total	156	1.33	34	705	21	938	28	4.52	208
The establishment	------	(b)	1,258	(b)	(b)	c80,592	64	(b)	(b)

ESTABLISHMENT No. 50.

Beam hands	313	$0.86	2	106	53	$91	$46	0.34	$269
	313	.90	2	103	52	93	47	0.33	283
Total	313	.88	4	209	52	184	46	0.67	276
Brushers	313	.70	4	332	83	231	58	1.06	218
Card grinders	313	1.00	1	16	16	16	16	0.05	313
	313	1.50	4	571	143	856	214	1.82	469
Total	313	1.48½	5	587	117	872	174	1.87	465
Card strippers	313	.56½	2	46	23	26	13	0.15	177
	313	.75	14	926	66	692	49	2.96	234
	313	.80	4	420	105	335	84	1.34	250
Total	313	.75½	20	1,392	70	1,053	53	4.45	237
Carpenter	313	1.12½	1	305	305	343	343	0.97	352
Cloth-room hand	313	.62½	1	202	202	126	126	0.65	195
Doffers	313	.45	20	3,002	150	1,349	67	9.59	141
Drawers-in	313	(a)	5	(a)	(a)	944	189	(a)	(a)
Drawing-frame tenders	313	.40	6	480	80	190	32	1.53	124
	313	.50	4	375	94	190	48	1.20	159
Total	313	.44½	10	855	86	380	38	2.73	139
Elevator hand	313	.80	1	263	263	208	208	0.84	248
Filling carriers	313	.70	1	194	194	136	136	0.62	219
	313	.75	1	220	220	165	165	0.70	235
Total	313	.72½	2	414	207	301	151	1.32	228
Fireman	365	1.50	1	354	354	531	531	0.97	548
Folders	313	1.00	2	306	153	301	151	0.98	308
Harness hand	313	.65	1	129	129	85	85	0.41	206
Janitors	313	.45	3	532	177	240	80	1.70	141
Laborers	313	.90	1	115	115	103	103	0.37	280
	313	1.00	6	537	90	537	90	1.72	313
Total	313	.98	7	652	93	640	91	2.09	307

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.
c The earnings shown here, and for this establishment on page 30, although for the same length of time, are for different periods.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 50—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Loom fixers	313	$1.50	5	1,178	236	$1,772	$354	3.76	$471
Machinists	313	1.66	1	300	300	498	498	0.96	520
	313	2.25	1	301	301	677	677	0.96	704
Total	313	1.95½	2	601	301	1,175	588	1.92	612
Oiler	313	.75	1	228	228	171	171	0.73	235
Overseer, carding department	313	2.75	1	296	296	801	801	0.95	847
Overseer, cloth room	313	1.75	1	291	291	509	509	0.93	547
Overseer, spinning department	313	3.00	1	284	284	851	851	0.91	938
Overseer, weaving department	313	3.25	1	296	296	963	963	0.95	1,018
Picking-room hands	313	.75	4	359	90	266	67	1.15	232
	313	.90	10	855	86	765	77	2.73	280
Total	313	.85	14	1,214	87	1,031	74	3.88	266
Picking-room hand and watchman	365	.93½	1	357	357	334	334	0.98	341
Press hands	313	.90	2	282	141	252	126	0.90	280
Railway hand	313	.60	1	77	77	46	46	0.25	187
Roller coverer	313	(a)	1	(a)	(a)	340	340	(a)	(a)
Roving carriers	313	.75	2	335	168	256	128	1.07	239
Second hands	313	1.25	1	62	62	78	78	0.20	394
	313	1.40	1	267	267	377	377	0.85	442
	313	1.50	1	287	287	430	430	0.92	469
Total	313	1.43½	3	616	205	885	295	1.97	450
Slasher tender	313	1.50	1	282	282	422	422	0.90	468
Slasher tender's helpers	313	.75	2	161	81	121	61	0.51	235
	313	.90	1	282	282	249	249	0.90	276
Total	313	.83½	3	443	148	370	123	1.41	261
Speeders	313	(a)	27	(a)	(a)	2,277	84	(a)	(a)
Spinners, frame	313	(a)	73	(a)	(a)	3,499	48	(a)	(a)
Spoolers	313	(a)	24	(a)	(a)	1,946	81	(a)	(a)
Sweepers	313	.20	1	34	34	7	7	0.11	64
	313	.32	2	303	152	97	49	0.97	100
	313	.35	2	47	24	17	9	0.15	113
	313	.40	2	192	96	77	39	0.61	126
	313	.45	1	85	85	38	38	0.27	140
	313	.50	3	292	97	147	49	0.93	158
Total	313	.40	11	953	87	383	35	3.04	126
Teamsters	313	1.00	3	644	215	633	211	2.06	308
Third hand	313	.90	1	59	59	52	52	0.19	276
Warpers	313	.78⅓	1	258	258	203	203	0.82	246
	313	.90	5	885	177	795	159	2.83	281
Total	313	.87½	6	1,143	191	998	166	3.65	273
Watchman	365	1.25	1	359	359	449	449	0.98	457
Weavers	313	(a)	124	(a)	(a)	15,394	124	(a)	(a)
The establishment	-------	(b)	397	(b)	(b)	c 43,597	110	(b)	(b)

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.
c The earnings shown here, and for this establishment on page 30, although for the same length of time, are for different periods.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 51.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Band fixer	313	$0.55	1	184	184	$105	$105	0.59	$179
Brushers	313	.35	3	308	103	109	36	0.98	111
Card grinders	313	1.02½	3	507	169	519	173	1.62	320
	313	1.50	1	129	129	194	194	0.41	471
Total	313	1.12	4	636	159	713	178	2.03	351
Card strippers	313	.75	1	113	113	85	85	0.36	235
	313	.90	11	622	57	551	50	1.99	277
Total	313	.86½	12	735	61	636	53	2.35	271
Cloth-room hand	313	.35	1	14	14	12	12	0.04	268
Doffers	313	.15	4	79	20	12	3	0.25	48
	313	.20	2	141	71	28	14	0.45	62
	313	.25	2	26	13	7	4	0.08	84
	313	.30	2	179	90	56	28	0.57	98
	313	.40	5	785	157	317	63	2.51	126
	313	.45	4	700	175	315	79	2.24	141
	313	.50	2	214	107	104	52	0.68	152
Total	313	.39½	21	2,124	101	839	40	6.78	124
Drawers-in	313	(a)	2	(a)	(a)	324	162	(a)	(a)
Drawing-frame tenders	313	.60	1	300	300	184	184	0.96	192
	313	.75	1	26	26	19	19	0.08	229
Total	313	.62½	2	326	163	203	102	1.04	195
Elevator hands	313	.67½	1	34	34	23	23	0.11	212
	313	.75	3	238	79	177	59	0.76	233
Total	313	.73½	4	272	68	200	50	0.87	230
Engineer	313	1.35½	1	333	333	451	451	1.06	424
Filling carriers	313	.50	1	49	49	25	25	0.16	160
	313	.55	1	107	107	60	60	0.34	176
	313	.60	1	27	27	16	16	0.09	185
Total	313	.55	3	183	61	101	34	0.59	173
Fireman	365	1.25	1	397	397	483	483	1.09	444
Loom fixers	313	1.40	2	277	139	387	194	0.88	437
	313	1.50	3	348	116	521	174	1.11	469
Total	313	1.45½	5	625	125	908	182	1.99	455
Oilers	313	.50	3	90	30	46	15	0.29	160
	313	.60	7	613	88	373	53	1.96	190
	313	.75	1	15	15	11	11	0.05	230
Total	313	.60	11	718	65	430	39	2.30	187
Overseer, carding department	313	1.92	1	308	308	592	592	0.98	602
Overseers, cloth room	313	1.40	1	284	284	398	398	0.91	439
	313	1.50	1	10	10	15	15	0.03	470
Total	313	1.40½	2	294	147	413	207	0.94	440

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 51—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Overseers, spinning department.	313	$1.75	1	52	52	$89	$89	0.17	$536
	313	2.00	1	311	311	613	613	0.99	617
Total	313	1.93½	2	363	182	702	351	1.16	605
Overseer, weaving department	313	3.00	1	192	192	576	576	0.61	939
Picking-room hands	313	.90	1	69	69	60	60	0.22	272
	313	1.00	2	344	172	339	170	1.10	308
Total	313	.96½	3	413	138	399	133	1.32	302
Press hand	313	.96	1	301	301	289	289	0.96	301
Railway hands	313	.60	3	135	45	83	28	0.43	192
	313	.75	6	364	61	269	45	1.16	231
Total	313	.70½	9	499	55	352	39	1.59	221
Roller coverer	313	2.00	1	108	108	216	216	0.35	626
Second hands	313	1.00	1	10	10	10	10	0.03	313
	313	1.16	1	298	298	345	345	0.95	362
Total	313	1.15½	2	308	154	355	178	0.98	361
Slasher tender	313	1.50	1	309	309	464	464	0.99	470
Speeders	313	.77	15	897	60	689	46	2.87	240
	313	.89½	6	1,035	173	927	155	3.31	280
Total	313	.83½	21	1,932	92	1,616	77	6.18	262
Spinners, frame	313	.25	32	2,370	74	597	19	7.57	79
	313	.47½	26	4,172	160	1,982	76	13.33	149
	313	.65	4	553	138	359	90	1.77	203
Total	313	.41½	62	7,095	114	2,938	47	22.67	130
Spoolers	313	.40	10	383	38	153	15	1.22	125
	313	.59	15	1,468	98	868	58	4.69	185
Total	313	.55	25	1,851	74	1,021	41	5.91	173
Sweepers	313	.45	2	108	54	49	25	0.35	142
Teamster	313	1.00	1	310	310	310	310	0.99	313
Warper	313	1.15	1	288	288	331	331	0.92	360
Waste hand	313	.53½	1	366	366	196	196	1.17	168
Watchman	365	1.00	1	370	370	370	370	1.01	365
Water boys	313	.50	2	152	76	79	40	0.49	163
Weavers	313	(a)	92	(a)	(a)	8,413	91	(a)	(a)
Yard hand	313	1.00	1	374	374	374	374	1.19	313
The establishment	.....	(b)	303	(b)	(b)	c 25,569	84	(b)	(b)

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.
c The earnings shown here, and for this establishment on page 30, although for the same length of time, are for different periods.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 57.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Balers	313	$0.75	2	132	66	$100	$50	0.42	$237
Beam hand	313	.60	1	294	294	176	176	0.94	187
Beamer	313	1.15	1	297	297	342	342	0.95	360
Card grinders	313	1.25	2	224	112	279	140	0.72	390
Card strippers	313	.75	2	563	282	422	211	1.80	235
Doffers	313	.15	2	61	31	10	5	0.19	51
	313	.20	4	463	116	94	24	1.48	64
	313	.25	3	587	196	144	48	1.88	77
	313	.30	1	79	79	22	22	0.25	87
	313	.35	3	778	259	270	90	2.49	109
	313	.40	1	294	294	118	118	0.94	126
Total	313	.29	14	2,262	162	658	47	7.23	91
Drawer-in	313	.60	1	299	299	180	180	0.96	188
Drawing-frame tenders	313	.40	1	293	293	118	118	0.94	126
	313	.50	3	642	214	322	107	2.05	157
Total	313	.47	4	935	234	440	110	2.99	147
Dressing-room hands	313	.20	1	294	294	59	59	0.94	63
	313	.30	3	386	129	116	39	1.23	94
	313	.50	1	292	292	146	146	0.93	157
	313	.60	2	101	51	60	30	0.32	186
	313	.66½	1	3	3	2	2	0.01	209
Total	313	.35½	8	1,076	135	383	48	3.43	111
Dyers	313	.75	2	495	248	372	186	1.58	235
Elevator hand	313	.75	1	255	255	191	191	0.81	234
Engineer	313	1.50	1	309	309	464	464	0.99	470
Fireman	313	1.25	1	292	292	365	365	0.93	391
Folder	313	1.25	1	296	296	371	371	0.95	392
Laborers	313	.75	3	429	143	322	107	1.37	235
	313	.85	1	69	69	57	57	0.22	259
Total	313	.76	4	498	125	379	95	1.59	238
Loom fixers	313	.95	1	291	291	274	274	0.93	295
	313	1.00	1	284	284	284	284	0.91	313
Total	313	.97	2	575	288	558	279	1.84	304
Machinist	313	1.50	1	285	285	427	427	0.91	469
Oilers	313	.40	1	230	230	92	92	0.73	125
	313	.50	1	297	297	146	146	0.95	154
	313	.60	1	272	272	163	163	0.87	188
Total	313	.50	3	799	266	401	134	2.55	157
Overseer, carding department	313	2.00	1	301	301	602	602	0.96	626
Overseer, dycing room	313	1.50	1	281	281	421	421	0.90	469
Overseer, spinning department	313	1.75	1	297	297	521	521	0.95	549
Overseer, weaving department	313	3.14	1	309	309	970	970	0.99	983
Picking-room hands	313	.25	1	257	257	64	64	0.82	78
	313	.80	1	300	300	240	240	0.96	250
Total	313	.54½	2	557	279	304	152	1.78	171
Quillers	313	.15	1	53	53	8	8	0.17	47
	313	.20	2	316	158	62	31	1.01	61
Total	313	.19	3	369	123	70	23	1.18	59

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 57—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Second hand	313	$2.00	1	288	288	$575	$575	0.92	$625
Slasher tender	313	1.50	1	286	286	428	428	0.91	468
Speeders, coarse	313	.60	1	257	257	155	155	0.82	189
	313	.71½	2	455	228	326	163	1.45	224
	313	.93	1	291	291	271	271	0.93	291
Total	313	.75	4	1,003	251	752	188	3.20	235
Speeders, fine	313	.71½	7	1,465	209	1,046	149	4.68	223
	313	.88½	1	271	271	240	240	0.87	277
Total	313	.74	8	1,736	217	1,286	161	5.55	232
Speeders, intermediate	313	.86	2	526	263	453	227	1.68	270
Spinners, frame	313	.32½	8	1,100	138	356	45	3.51	101
	313	.44½	41	7,669	187	3,398	83	24.50	139
Total	313	.43	49	8,769	179	3,754	77	28.01	134
Spoolers	313	.50	11	1,546	141	772	70	4.94	156
Sweepers	313	.15	1	180	180	25	25	0.58	43
	313	.20	3	559	186	119	40	1.79	67
	313	.25	2	489	245	118	59	1.56	76
	313	.30	1	41	41	12	12	0.13	92
	313	.40	1	62	62	25	25	0.20	126
Total	313	.22½	8	1,331	166	299	37	4.26	70
Teamsters	313	.75	4	105	26	79	20	0.34	235
	313	1.00	1	281	281	281	281	0.90	313
Total	313	.93½	5	386	77	360	72	1.24	292
Twister	313	.73½	1	304	304	223	223	0.97	230
Warpers	313	.60	3	505	168	299	100	1.61	185
	313	1.10	1	294	294	319	319	0.94	340
Total	313	.77½	4	799	200	618	155	2.55	242
Watchmen	365	.85	2	302	151	257	129	0.83	311
Water boy	313	.60	1	115	115	69	69	0.37	188
Weavers	313	.65½	35	3,960	113	2,586	74	12.65	204
	313	.87	78	10,155	130	8,835	113	32.44	272
	313	1.05½	18	3,493	194	3,689	205	11.16	331
	313	1.26	1	254	254	319	319	0.81	393
Total	313	.86½	132	17,862	135	15,429	117	57.06	270
The establishment		.73½	289	47,253	164	34,671	120	150.84	230

ESTABLISHMENT No. 59.

Band boy	156	$0.70	1	154	154	$108	$108	0.99	$109
Beamers	156	1.95	2	306	153	596	298	1.96	304
Bobbin boys	156	.30	9	408	45	119	13	2.62	46
	156	.35	3	146	49	51	17	0.94	54
	156	.40	6	435	73	174	29	2.79	62
	156	.50	2	241	121	123	62	1.54	80
Total	156	.38	20	1,230	62	467	23	7.89	59

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 59—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Brusher	156	$0.50	1	157	157	$78	$78	1.01	$78
Card grinders	156	1.25	1	146	146	183	183	0.94	196
	156	1.75	1	156	156	270	270	1.00	270
Total	156	1.50	2	302	151	453	227	1.94	234
Carpenter	156	1.91	1	11	11	21	21	0.07	298
Cloth-room hand	156	.75	1	114	114	89	89	0.73	122
Coal wheeler	156	.90	1	157	157	142	142	1.01	141
Doffers	156	.20	3	26	9	5	2	0.17	30
	156	.25	10	350	35	86	9	2.24	38
	156	.30	14	1,212	87	359	26	7.77	46
	156	.35	1	19	19	7	7	0.12	57
	156	.40	5	402	80	169	34	2.58	66
	156	.50	1	152	152	76	76	0.97	78
Total	156	.32½	34	2,161	64	702	21	13.85	51
Drawer-in	156	1.75	1	153	153	267	267	0.98	272
Drawing-frame tenders	156	.50	3	446	149	225	75	2.86	79
Dressing-room hand	156	.78	1	78	78	61	61	0.50	122
Dyeing-room hands	156	.88½	1	155	155	137	137	0.99	138
	156	1.00	2	152	76	152	76	0.97	156
	156	1.25	1	157	157	196	196	1.01	195
Total	156	1.04½	4	464	116	485	121	2.97	163
Dyer	156	3.33⅓	1	156	156	510	510	1.00	510
Engineer	156	3.00	1	169	169	508	508	1.08	469
Finishers	156	1.25	1	174	174	209	209	1.12	187
	156	1.50	2	182	91	273	137	1.17	234
Total	156	1.35½	3	356	119	482	161	2.29	211
Fireman	156	1.25	1	158	158	198	198	1.01	195
Folder	156	1.42½	1	167	167	238	238	1.07	222
Folder's helper	156	.75	1	42	42	32	32	0.27	119
Laborers	156	.94½	2	175	88	165	83	1.12	147
Lap carrier	156	.60	1	27	27	16	16	0.17	92
Loom fixers	156	1.34½	2	292	146	393	197	1.87	210
	156	1.75	1	149	149	259	259	0.96	271
Total	156	1.48	3	441	147	652	217	2.83	231
Oilers	156	.75	2	217	109	167	84	1.39	120
	156	.85	1	146	146	118	118	0.94	126
	156	1.20	1	150	150	181	181	0.96	188
Total	156	.91	4	513	128	466	117	3.29	142
Overseer, carding department	156	3.00	1	159	159	476	476	1.02	467
Overseer, spinning department	156	2.50	1	154	154	385	385	0.99	390
Overseer, weaving department	156	3.00	1	96	96	288	288	0.62	463
Picking-room hands	156	1.11½	2	308	154	343	172	1.97	174
Railway hands	156	.33½	1	39	39	13	13	0.25	52
	156	.40	1	127	127	51	51	0.81	63
	156	.50	1	83	83	42	42	0.53	79
Total	156	.42½	3	249	83	106	35	1.59	66

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 59—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Second hands	156	$1.15	1	154	154	$177	$177	0.99	$179
	156	1.75	1	41	41	72	72	0.26	274
Total	156	1.27⅓	2	195	98	249	125	1.25	199
Speeders, coarse	156	1.00	2	153	77	153	77	0.98	156
Speeders, fine	156	.30	1	122	122	37	37	0.78	47
	156	.35	1	24	24	9	9	0.15	59
	156	.40	2	150	75	63	32	0.96	66
	156	.45	1	110	110	49	49	0.71	69
	156	.55	5	263	53	145	29	1.69	86
	156	.75	3	393	131	291	97	2.52	116
Total	156	.56	13	1,062	82	594	46	6.81	87
Speeders, intermediate	156	.75	2	291	146	218	109	1.87	117
	156	.80	1	19	19	15	15	0.12	123
	156	.85	1	151	151	128	128	0.97	132
Total	156	.78½	4	461	115	361	90	2.96	122
Spinners, frame	156	.29	23	2,062	90	597	26	13.22	45
	156	.52	11	1,089	99	565	51	6.98	81
	156	.74½	7	804	115	598	85	5.15	116
Total	156	.44½	41	3,955	96	1,760	43	25.35	69
Spoolers	156	.99	3	404	135	399	133	2.59	154
Sweepers	156	.30	1	87	87	26	26	0.56	47
	156	.50	1	15	15	7	7	0.10	73
	156	1.06½	1	171	171	182	182	1.10	166
Total	156	.79	3	273	91	215	72	1.76	123
Teamster	156	1.00	1	120	120	120	120	0.77	156
Warper	156	1.85	1	154	154	285	285	0.99	289
Watchmen	182	.75	1	14	14	11	11	0.08	143
	182	1.50	1	175	175	263	263	0.96	274
Total	182	1.45	2	189	95	274	137	1.04	264
Weavers	156	.44	11	680	62	298	27	4.36	68
	156	.61	53	4,599	87	2,813	53	29.48	95
	156	.86	33	3,062	93	2,634	80	19.63	134
	156	1.07½	7	824	118	884	126	5.28	167
	156	1.30	1	156	156	203	203	1.00	203
Total	156	.73½	105	9,321	89	6,832	65	59.75	114
The establishment		.78½	275	25,190	92	19,801	72	161.33	123

ESTABLISHMENT No. 60.

Back boys	313	$0.25	1	126	126	$31	$31	0.40	$77
	313	.30	2	592	296	180	90	1.89	95
	313	.34	1	267	267	90	90	0.85	106
	313	.35	4	1,083	271	381	95	3.46	110
	313	.36	3	653	218	235	78	2.09	113
	313	.38	2	489	245	185	93	1.56	118
	313	.42	1	298	298	125	125	0.95	131
Total	313	.35	14	3,508	251	1,227	88	11.20	109

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 60—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Back tenders	313	$0.35	15	2,258	151	$795	$53	7.21	$110
	313	.40	6	711	119	277	46	2.27	122
	313	.50	7	706	101	353	50	2.26	157
Total	313	.39	28	3,675	131	1,425	51	11.74	121
Band fixer	313	.20	1	204	204	41	41	0.65	63
Beam hands	313	.75	1	186	186	139	139	0.59	234
	313	1.05	1	180	180	189	189	0.58	329
Total	313	.89½	2	366	183	328	164	1.17	281
Blacksmith	313	1.70	1	310	310	527	527	0.99	532
Brusher	313	.40	1	201	201	81	81	0.64	126
Card grinders	313	.75	2	452	226	364	182	1.44	252
	313	.95	1	168	168	160	160	0.54	298
	313	1.00	1	204	204	207	207	0.65	318
	313	1.05	2	611	306	641	321	1.95	328
	313	1.25	2	419	210	524	262	1.34	391
Total	313	1.02½	8	1,854	232	1,896	237	5.92	320
Card strippers	313	.80	1	306	306	246	246	0.98	252
	313	.85	2	498	249	423	212	1.59	266
Total	313	.83	3	804	268	669	223	2.57	260
Carders	313	.40	1	68	68	27	27	0.22	124
	313	.50	1	124	124	65	65	0.40	164
	313	.55	1	243	243	134	134	0.78	173
	313	.60	1	267	267	154	154	0.85	181
	313	.65	2	141	71	92	46	0.45	204
	313	.67	2	292	146	195	98	0.93	209
	313	.68	2	353	177	240	120	1.13	213
	313	.70	1	56	56	39	39	0.18	218
	313	.71	2	405	203	287	144	1.29	222
	313	.74	2	598	299	439	220	1.91	230
	313	.75	5	969	194	727	145	3.10	235
	313	.79	1	262	262	207	207	0.84	247
	313	1.16½	1	313	313	364	364	1.00	364
Total	313	.72½	22	4,091	186	2,970	135	13.08	227
Carpenters	313	1.05	3	830	277	872	291	2.65	329
	313	1.25	2	297	149	371	186	0.95	391
	313	1.40	1	297	297	416	416	0.95	438
Total	313	1.16½	6	1,424	237	1,659	277	4.55	365
Carpenters' apprentices	313	.65	1	277	277	181	181	0.88	205
	313	.80	1	307	307	259	259	0.98	264
Total	313	.75½	2	584	292	440	220	1.86	236
Cloth carrier	313	.85	1	92	92	72	72	0.29	245
Cloth inspector	313	.70	1	13	13	9	9	0.04	217
Cloth tackers	313	.50	1	91	91	46	46	0.29	158
	313	.60	2	105	53	63	32	0.34	188
Total	313	.55½	3	196	65	109	36	0.63	174

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. **60**—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Doffers	313	$0.22	1	69	69	$15	$15	0.22	$68
	313	.25	1	259	259	63	63	0.83	76
	313	.27	1	175	175	47	47	0.56	84
	313	.28	3	672	224	192	64	2.15	89
	313	.30	9	1,473	164	448	50	4.71	95
	313	.34	3	564	188	191	64	1.80	106
	313	.35	2	500	250	175	88	1.60	110
	313	.36	1	95	95	34	34	0.30	112
	313	.38	1	290	290	113	113	0.93	122
	313	.40	1	281	281	113	113	0.90	126
	313	.42	2	246	123	104	52	0.79	132
	313	.43	1	162	162	69	69	0.52	133
	313	.45	1	53	53	24	24	0.17	142
Total	313	.33	27	4,839	179	1,588	59	15.48	103
Drawers-in	313	(a)	12	(a)	(a)	1,975	165	(a)	(a)
Drawing-frame tenders	313	.35	1	270	270	92	92	0.86	107
	313	.40	2	234	117	93	47	0.75	124
	313	.45	3	373	124	169	56	1.19	142
	313	.50	10	617	62	310	31	1.97	157
	313	.55	8	1,012	127	560	70	3.23	173
Total	313	.49	24	2,506	104	1,224	51	8.00	153
Elevator hands	313	.35	2	174	87	62	31	0.56	112
	313	.60	1	58	58	35	35	0.19	189
	313	.85	1	260	260	221	221	0.83	266
Total	313	.64½	4	492	123	318	80	1.58	202
Engineer	313	1.50	1	310	310	465	465	0.99	470
Filling carriers	313	.40	1	250	250	106	106	0.80	133
	313	.50	1	18	18	9	9	0.06	157
	313	.75	1	227	227	160	160	0.73	221
Total	313	.55½	3	495	165	275	92	1.59	174
Fireman	313	.85	1	308	308	262	262	0.98	266
Foreman, carpenters	313	1.50	1	308	308	462	462	0.98	470
Foreman, laborers	313	1.25	1	312	312	390	390	1.00	391
Harness hand	313	.40	1	234	234	96	96	0.75	128
Laborers	313	.35	1	68	68	24	24	0.22	110
	313	.40	3	227	76	89	30	0.73	123
	313	.45	1	152	152	70	70	0.49	144
	313	.50	48	4,825	101	2,435	51	15.42	158
	313	.55	9	836	93	449	50	2.67	168
	313	.60	15	629	42	375	25	2.01	187
	313	.65	2	68	34	44	22	0.22	203
	313	.70	2	67	34	46	23	0.21	215
	313	.75	1	295	295	221	221	0.94	234
	313	.85	3	622	207	529	176	1.99	266
Total	313	.55	85	7,789	92	4,282	50	24.90	172
Loom fixers	313	.85	2	551	276	468	234	1.76	266
	313	1.05	2	622	311	648	324	1.99	326
	313	1.25	4	951	238	1,189	297	3.04	391
	313	1.50	5	1,564	313	2,328	466	5.00	466
	313	1.70	1	311	311	528	528	0.99	531
Total	313	1.29	14	3,999	286	5,161	369	12.78	404

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 60—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Machinists	313	$1.50	1	286	286	$428	$428	0.91	$468
	313	1.85	1	342	342	632	632	1.09	578
Total	313	1.69	2	628	314	1,060	530	2.00	528
Machinists' apprentice	313	.40	1	334	334	144	144	1.07	135
Masons	313	1.25	1	83	83	103	103	0.27	388
	313	2.25	1	255	255	573	573	0.81	703
Total	313	2.00	2	338	169	676	338	1.08	626
Master machinist	313	3.50	1	134	134	469	469	0.43	1,096
Messengers	313	.30	1	11	11	3	3	0.04	85
	313	.40	1	266	266	106	106	0.85	125
Total	313	.39½	2	277	139	109	55	0.89	123
Oilers	313	.30	1	263	263	80	80	0.84	95
	313	.85	2	603	302	513	257	1.93	266
	313	.92	1	310	310	283	283	0.99	286
	313	1.00	1	282	282	283	283	0.90	314
Total	313	.79½	5	1,458	292	1,159	232	4.66	249
Overseers, carding department	313	3.50	1	312	312	1,092	1,092	1.00	1,096
	313	3.63½	1	178	178	647	647	0.57	1,138
Total	313	3.55	2	490	245	1,739	870	1.57	1,111
Overseer, cloth room	313	2.00	1	310	310	620	620	0.99	626
Overseer, spinning department	313	3.50	1	312	312	1,092	1,092	1.00	1,096
Overseer, weaving department	313	3.50	1	312	312	1,092	1,092	1.00	1,096
Packer	313	.50	1	46	46	23	23	0.15	157
Painter	313	1.00	1	273	273	273	273	0.87	313
Picking-room hands	313	.50	3	363	121	175	58	1.16	151
	313	.65	1	188	188	128	128	0.60	213
	313	.75	3	834	278	639	213	2.66	240
	313	.85	2	320	160	272	136	1.02	266
Total	313	.71	9	1,705	189	1,214	135	5.44	223
Piecers	313	(a)	14	(a)	(a)	1,746	125	(a)	(a)
Press hands	313	.50	1	37	37	19	19	0.12	161
	313	.60	1	100	100	56	56	0.32	175
	313	.70	2	311	156	218	109	0.99	219
	313	.75	1	177	177	130	130	0.57	230
	313	.85	1	277	277	232	232	0.88	262
Total	313	.72½	6	902	150	655	109	2.88	227
Roller coverer	313	1.50	1	309	309	464	464	0.99	470
Roving carriers	313	.50	2	118	59	59	30	0.38	157
	313	.55	2	364	182	198	99	1.16	170
Total	313	.53½	4	482	121	257	64	1.54	167
Scrubbers	313	.50	3	567	189	284	95	1.81	157
	313	.60	1	42	42	23	23	0.13	171
Total	313	.50½	4	609	152	307	77	1.94	158

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. **60**—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Second hands	313	$1.25	1	308	308	$384	$384	0.98	$390
	313	1.50	1	282	282	423	423	0.90	470
Total	313	1.37	2	590	295	807	404	1.88	428
Sewing-machine hands	313	.70	1	298	298	213	213	0.95	224
	313	.75	1	178	178	129	129	0.57	227
Total	313	.72	2	476	238	342	171	1.52	225
Slasher tenders	313	.85	2	597	299	507	254	1.91	266
	313	1.25	2	597	299	746	373	1.91	391
Total	313	1.05	4	1,194	299	1,253	313	3.82	328
Spare hands	313	.40	1	12	12	5	5	0.04	130
	313	.60	1	251	251	156	156	0.80	195
	313	.85	2	545	273	461	231	1.74	265
Total	313	.77	4	808	202	622	156	2.58	241
Speeders	313	(a)	42	(a)	(a)	5,158	123	(a)	(a)
Spinners, frame	313	.20	2	131	66	27	14	0.42	65
	313	.22	3	90	30	20	7	0.29	70
	313	.25	1	194	194	49	49	0.62	79
	313	.28	1	88	88	24	24	0.28	85
	313	.30	2	378	189	113	57	1.21	94
	313	.33	3	512	171	168	56	1.64	103
	313	.37	1	277	277	102	102	0.88	115
	313	.39	3	556	185	220	73	1.78	124
	313	.41	2	425	213	172	86	1.36	127
	313	.42	2	378	189	159	80	1.21	132
	313	.44	5	839	168	369	74	2.68	138
	313	.45	2	362	181	164	82	1.16	142
	313	.47	1	65	65	31	31	0.21	149
	313	.48	3	818	273	392	131	2.61	150
	313	.50	5	921	184	460	92	2.94	156
	313	.51	3	688	229	348	116	2.20	158
	313	.52	4	368	92	191	48	1.18	162
	313	.53	1	153	153	81	81	0.49	166
	313	.55	2	222	111	122	61	0.71	172
	313	.56	1	135	135	76	76	0.43	176
	313	.59	1	284	284	167	167	0.91	184
	313	.66	2	431	216	285	143	1.38	207
	313	.67	1	256	256	170	170	0.82	209
	313	.69	1	160	160	109	109	0.51	213
Total	313	.46	52	8,731	168	4,019	77	27.92	144
Spinners, mule	313	(a)	13	(a)	(a)	2,250	173	(a)	(a)
Spoolers	313	.15	1	15	15	2	2	0.05	42
	313	.20	3	247	82	48	16	0.79	61
	313	.21	1	159	159	33	33	0.51	65
	313	.22	3	478	159	104	35	1.53	68
	313	.23	1	237	237	54	54	0.76	71
	313	.25	3	562	187	140	47	1.80	78
	313	.26	1	258	258	67	67	0.82	81
	313	.27	2	348	174	95	48	1.11	85
	313	.30	7	394	56	118	17	1.26	94
	313	.31	1	290	290	90	90	0.93	97
	313	.32	1	50	50	16	16	0.16	100
	313	.33	1	288	288	94	94	0.92	102
	313	.34	1	284	284	98	98	0.91	108

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 60—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Spoolers—concluded	313	$0.35	2	452	226	$157	$79	1.44	$109
	313	.37	2	543	272	201	101	1.73	116
	313	.38	1	73	73	27	27	0.23	116
	313	.40	13	2,548	196	1,021	79	8.14	125
	313	.43	1	432	432	180	180	1.38	130
Total	313	.33	45	7,658	170	2,545	57	24.47	104
Stampers	313	.50	2	82	41	41	21	0.26	157
Sweepers	313	.20	9	1,280	142	260	29	4.09	64
	313	.23	1	25	25	6	6	0.08	75
	313	.25	10	1,041	104	265	27	3.33	80
	313	.35	3	491	164	169	56	1.57	108
	313	.55	1	172	172	97	97	0.55	177
Total	313	.26½	24	3,009	125	797	33	9.62	83
Teamster	313	1.05	1	304	304	319	319	0.97	328
Tinsmiths	313	1.05	1	304	304	319	319	0.97	328
	313	1.75	1	42	42	73	73	0.13	544
Total	313	1.13½	2	346	173	392	196	1.10	355
Trimmer	313	.60	1	304	304	178	178	0.97	183
Warpers	313	.45	2	219	110	96	48	0.70	137
	313	.76	1	292	292	213	213	0.93	228
	313	(a)	6	(a)	(a)	949	158	(a)	(a)
Total	313	(b)	9	(b)	(b)	1,258	140	(b)	(b)
Waste picker	313	(a)	1	(a)	(a)	247	247	(a)	(a)
Watchmen	365	.85	4	1,072	268	911	228	2.94	310
Weavers	313	.25	1	17	17	4	4	0.05	74
	313	.30	4	132	33	39	10	0.42	92
	313	.45	1	292	292	132	132	0.93	141
	313	.50	1	6	6	3	3	0.02	157
	313	.55	2	279	140	150	75	0.89	168
	313	.65	3	78	26	51	17	0.25	205
	313	.70	26	459	18	322	12	1.47	220
	313	.75	1	174	174	127	127	0.56	228
	313	(a)	171	(a)	(a)	32,837	192	(a)	(a)
Total	313	(b)	210	(b)	(b)	33,665	160	(b)	(b)
Yarn hands	313	.30	1	245	245	78	78	0.78	100
	313	.50	1	213	213	106	106	0.68	156
	313	.52	2	204	102	106	53	0.65	163
Total	313	.44	4	662	166	290	73	2.11	137
The establishment	------	(b)	747	(b)	(b)	c 96,144	129	(b)	(b)

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.
c The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 62.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Baler	313	$0.65	1	227	227	$148	$148	0.73	$204
Blacksmith	313	1.11	1	292	292	324	324	0.93	347
Blacksmith's helper	313	.72	1	344	344	248	248	1.10	226
Bricklayers	313	1.00	1	136	136	136	136	0.43	313
	313	1.65	1	259	259	428	428	0.83	517
Total	313	1.43	2	395	198	564	282	1.26	447
Card grinders	313	.90	2	600	300	562	281	1.92	293
	313	1.00	6	1,811	302	1,806	301	5.79	312
Total	313	.98	8	2,411	301	2,368	296	7.71	307
Card strippers	313	.60	1	305	305	183	183	0.97	188
	313	.65	1	267	267	177	177	0.85	207
	313	.70	13	2,627	202	1,833	141	8.39	218
Total	313	.68½	15	3,199	213	2,193	146	10.21	215
Carpenters	313	.75	2	241	121	190	95	0.77	247
	313	1.00	3	437	146	436	145	1.40	312
	313	1.10	1	95	95	101	101	0.30	333
	313	1.50	1	328	328	491	491	1.05	469
	313	1.75	1	285	285	499	499	0.91	548
Total	313	1.24	8	1,386	173	1,717	215	4.43	388
Cloth carriers	313	.50	4	625	156	310	78	2.00	155
Doffers	313	.20	2	333	167	71	36	1.06	67
	313	.25	3	649	216	173	58	2.07	83
	313	.30	16	4,007	250	1,217	76	12.80	95
	313	.35	14	2,717	194	949	68	8.68	109
	313	.36	1	120	120	43	43	0.38	112
	313	.40	6	1,261	210	493	82	4.03	122
	313	.50	2	549	275	273	137	1.75	156
Total	313	.33½	44	9,636	219	3,219	73	30.77	105
Drawers-in	313	(a)	17	(a)	(a)	1,652	97	(a)	(a)
Drawing-frame tenders	313	.25	2	479	240	127	64	1.53	83
	313	.30	7	1,280	183	390	56	4.09	95
	313	.35	7	1,414	202	496	71	4.52	110
	313	.40	3	822	274	313	104	2.63	119
Total	313	.33	19	3,995	210	1,326	70	12.77	104
Drivers	313	.75	4	957	239	698	175	3.06	228
	313	.90	1	288	288	260	260	0.92	283
Total	313	.77	5	1,245	249	958	192	3.98	241
Elevator hands	313	.65	2	587	294	379	190	1.88	202
Filling carriers	313	.50	2	468	234	236	118	1.50	158
	313	.60	1	234	234	140	140	0.75	187
Total	313	.53½	3	702	234	376	125	2.25	168
Fireman	313	1.25	1	316	316	395	395	1.01	391
Fireman, assistant	313	.75	1	305	305	219	219	0.97	225

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

E.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 62—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Folder	313	$0.90	1	312	312	$281	$281	1.00	$282
Foremen, laborers	313	.75	1	300	300	225	225	0.96	235
	313	1.50	1	33	33	50	50	0.11	474
	313	1.71	1	313	313	535	535	1.00	535
Total	313	1.25½	3	646	215	810	270	2.07	392
Harness hand	313	.40	1	310	310	126	126	0.99	127
Hostler	365	.75	1	366	366	275	275	1.00	274
Laborers	313	.60	46	4,677	102	2,800	61	14.94	187
	313	.65	5	920	184	597	119	2.94	203
	313	.70	1	149	149	102	102	0.48	214
	313	.75	7	834	119	635	91	2.66	238
	313	1.00	3	569	190	555	185	1.82	305
Total	313	.65½	62	7,149	115	4,689	76	22.84	205
Laborer and sweeper	313	.46	1	122	122	56	56	0.39	144
Loom fixers	313	.85	1	294	294	252	252	0.94	268
	313	1.05½	1	267	267	282	282	0.85	331
	313	1.20	1	282	282	341	341	0.90	378
	313	1.25	3	873	291	1,088	363	2.79	390
	313	1.45	2	564	282	818	409	1.80	454
Total	313	1.22	8	2,280	285	2,781	348	7.28	382
Machinists	313	.75	1	142	142	106	106	0.45	234
	313	1.25	1	309	309	386	386	0.99	391
	313	1.75	1	282	282	493	493	0.90	547
Total	313	1.34½	3	733	244	985	328	2.34	421
Masons	313	1.01½	5	402	80	409	82	1.28	318
Master machinist	313	3.00	1	313	313	939	939	1.00	939
Oilers	313	.40	1	291	291	119	119	0.93	128
	313	.45	1	276	276	128	128	0.88	145
	313	.60	2	480	240	290	145	1.53	189
	313	.65	2	606	303	393	197	1.94	203
	313	.70	1	145	145	102	102	0.46	220
Total	313	.57½	7	1,798	257	1,032	147	5.74	180
Overseer, assistant	313	1.75	1	307	307	536	536	0.98	546
Overseer, carding department	313	3.50	1	309	309	1,082	1,082	0.99	1,096
Overseer, cloth room	313	2.00	1	294	294	588	588	0.94	626
Overseer, picking department	313	1.00	1	302	302	302	302	0.96	313
Overseers, spinning department	313	1.35	1	299	299	403	403	0.96	422
	313	3.50	1	309	309	1,082	1,082	0.99	1,096
Total	313	2.44	2	608	304	1,485	743	1.95	764
Overseer, weaving department	313	4.50	1	310	310	1,393	1,393	0.99	1,406
Painter	313	1.00	1	226	226	226	226	0.72	313
Picking-room hands	313	.60	10	2,140	214	1,284	128	6.84	188
	313	.70	2	328	164	229	115	1.05	219
	313	.85	1	300	300	255	255	0.96	266
Total	313	.64	13	2,768	213	1,768	136	8.85	200

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 62—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Press hands	313	$0.40	1	285	285	$112	$112	0.91	$123
	313	.55	1	51	51	28	28	0.16	172
	313	.60	1	31	31	19	19	0.10	192
	313	.65	2	235	118	153	77	0.75	204
	313	.70	2	601	301	433	217	1.92	226
	313	.80	1	178	178	142	142	0.57	250
Total	313	.64	8	1,381	173	887	111	4.41	201
Reelers	313	.44½	12	1,834	153	820	68	5.86	140
Roller coverer	313	1.75	1	322	322	563	563	1.03	547
Roving carriers	313	.35	3	170	57	61	20	0.54	112
	313	.40	1	45	45	19	19	0.14	132
Total	313	.37	4	215	54	80	20	0.68	116
Second hands	313	.35	1	30	30	11	11	0.10	115
	313	.80	1	207	207	165	165	0.66	249
	313	.85	1	302	302	255	255	0.96	264
	313	1.25	5	1,512	302	1,890	378	4.83	391
	313	1.35	1	302	302	407	407	0.96	422
Total	313	1.16	9	2,353	261	2,728	303	7.51	363
Slasher tenders	313	.80	1	286	286	234	234	0.91	256
	313	.85	4	895	224	765	191	2.86	268
Total	313	.84½	5	1,181	236	999	200	3.77	265
Slasher tender, head	313	.95	1	242	242	229	229	0.77	296
Speeders, coarse	313	.20	1	270	270	54	54	0.86	63
	313	.35	1	298	298	111	111	0.95	117
	313	.40	5	995	199	410	82	3.18	129
	313	.45	1	226	226	98	98	0.72	136
	313	.50	5	909	182	463	93	2.90	159
	313	.60	5	1,141	228	689	138	3.65	189
	313	.70	1	256	256	179	179	0.82	219
Total	313	.49	19	4,095	216	2,004	105	13.08	153
Speeders, fine	313	(a)	40	(a)	(a)	4,607	115	(a)	(a)
Spinners, frame	313	.10	6	216	36	23	4	0.69	33
	313	.15	6	299	50	44	7	0.96	46
	313	.18	8	619	77	112	14	1.98	57
	313	.20	30	5,851	195	1,189	40	18.69	64
	313	.25	5	867	173	213	43	2.77	77
	313	.27	4	1,089	272	289	72	3.48	83
	313	.28	4	472	118	131	33	1.51	87
	313	.29	1	288	288	85	85	0.92	92
	313	.30	9	1,397	155	425	47	4.46	95
	313	.35	14	3,634	260	1,242	89	11.61	107
	313	.36	17	4,275	251	1,539	91	13.66	113
	313	.37	5	1,438	288	529	106	4.59	115
	313	.38	5	981	196	371	74	3.13	118
	313	.39	6	1,710	285	670	112	5.46	123
	313	.40	15	3,120	208	1,246	83	9.97	125
	313	.45	1	288	288	126	126	0.92	137
Total	313	.31	136	26,544	195	8,234	61	84.80	97

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. **62**—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Spoolers	313	$0.30	3	180	60	$53	$18	0.58	$92
	313	.36	1	236	236	85	85	0.75	113
	313	.40	6	1,042	174	434	72	3.33	130
	313	.45	42	9,011	215	4,037	96	28.79	140
Total	313	.44	52	10,469	201	4,609	89	33.45	138
Stamper	313	.70	1	305	305	214	214	0.97	220
Stitcher	313	.50	1	254	254	127	127	0.81	157
Sweepers	313	.15	3	122	41	20	7	0.39	51
	313	.20	31	5,385	174	1,094	35	17.20	64
	313	.25	9	1,846	205	464	52	5.90	79
	313	.30	9	1,713	190	502	56	5.47	92
	313	.35	1	145	145	48	48	0.46	104
	313	.38	1	13	13	5	5	0.04	120
	313	.50	1	8	8	4	4	0.03	157
Total	313	.23	55	9,232	168	2,137	39	29.49	72
Twisters	313	.25	3	270	90	69	23	0.86	80
	313	.30	1	84	84	24	24	0.27	89
	313	.35	3	515	172	185	62	1.65	112
	313	.40	1	301	301	121	121	0.96	126
	313	.45	3	637	212	281	94	2.04	138
	313	.50	1	66	66	33	33	0.21	157
	313	.55	2	553	277	311	156	1.77	176
Total	313	.42	14	2,426	173	1,024	73	7.76	132
Warpers	313	.35	1	273	273	89	89	0.87	102
	313	.45	8	1,673	209	762	95	5.35	143
	313	.50	7	1,720	246	856	122	5.50	156
	313	.55	1	293	293	167	167	0.94	178
Total	313	.47½	17	3,959	233	1,874	110	12.66	148
Watchmen	365	1.00	2	732	366	732	366	2.01	365
Water boys	313	.60	4	682	171	409	102	2.18	188
Weavers	313	(*a*)	218	(*a*)	(*a*)	25,461	117	(*a*)	(*a*)
Yarn inspectors	313	.25	2	300	150	72	36	0.96	75
	313	.60	2	391	196	238	119	1.25	191
	313	.65	1	267	267	179	179	0.85	210
Total	313	.51	5	958	192	489	98	3.06	160
The establishment	.....	(*b*)	850	(*b*)	(*b*)	*c* 94,386	111	(*b*)	(*b*)

ESTABLISHMENT No. **64**.

Baler	313	$0.80	1	236	236	$193	$193	0.75	$256
Band boys	313	.35	2	286	143	100	50	0.91	109
Band fixer	313	.64	1	261	261	167	167	0.83	200
Beamers	313	1.00	1	97	97	97	97	0.31	313
	313	1.25	2	432	216	533	267	1.38	386
	313	1.35	2	575	288	782	391	1.84	426
	313	1.50	1	295	295	436	436	0.94	463
	313	1.75	4	314	79	550	138	1.00	548
Total	313	1.40	10	1,713	171	2,398	240	5.47	438

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.
c The earnings here shown include $8,618 paid to employés for the production of yarn not included in the statement for this establishment on page 30.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 64—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Blacksmith	365	$1.50	1	364	364	$545	$545	1.00	$546
Card grinders	313	1.05	1	304	304	317	317	0.97	326
	313	1.30½	4	634	159	828	207	2.03	409
Total	313	1.22	5	938	188	1,145	229	3.00	382
Card strippers	313	.80	1	283	283	232	232	0.90	257
	313	1.00	3	695	232	690	230	2.22	311
Total	313	.94½	4	978	245	922	231	3.12	295
Carpenters	313	1.25	1	313	313	397	397	1.00	397
	313	2.00	1	314	314	628	628	1.00	626
Total	313	1.63½	2	627	314	1,025	513	2.00	512
Cloth tacker	313	.50	1	307	307	153	153	0.98	156
Cloth-room hands	313	.30	3	283	94	81	27	0.90	90
	313	.40	1	260	260	104	104	0.83	125
	313	.50	1	21	21	10	10	0.07	149
	313	1.00	2	351	176	351	176	1.12	313
Total	313	.59½	7	915	131	546	78	2.92	187
Doffers	313	.30	6	69	12	21	4	0.22	95
	313	.35	40	4,207	105	1,479	37	13.44	110
	313	.40	19	2,386	126	955	50	7.62	125
	313	.45	3	406	135	179	60	1.30	138
	313	.50	4	402	101	202	51	1.28	157
Total	313	.38	72	7,470	104	2,836	39	23.86	119
Doffer, head	313	.78	1	203	203	159	159	0.65	245
Drawers-in	313	(a)	8	(a)	(a)	540	68	(a)	(a)
Drawing-frame tenders	313	.50	2	135	68	69	35	0.43	160
	313	.60	4	802	201	478	120	2.56	187
	313	.65	2	317	159	208	104	1.01	205
Total	313	.60	8	1,254	157	755	94	4.00	188
Drawing-frame tenders and railway hands.	313	.53	6	727	121	386	64	2.32	166
Dyeing-room hands	313	.72½	1	11	11	8	8	0.04	228
	313	1.00	6	625	104	622	104	2.00	311
	313	1.10	1	204	204	223	223	0.65	342
Total	313	1.01½	8	840	105	853	107	2.69	318
Elevator hand	313	.75	1	287	287	215	215	0.92	234
Engineer	313	3.06½	1	312	312	960	960	1.00	963
Filling carriers	313	.45	2	222	111	100	50	0.71	141
	313	.60	4	94	24	56	14	0.30	186
Total	313	.49½	6	316	53	156	26	1.01	155
Firemen	313	1.25	6	313	52	389	65	1.00	389
Firemen, assistant	313	.75	3	271	90	204	68	0.87	236
Folders	313	1.00	2	319	160	310	155	1.02	304
	313	1.15	1	307	307	363	363	0.98	370
Total	313	1.07½	3	626	209	673	224	2.00	337

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 64—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Laborers	313	$0.35	6	392	65	$142	$24	1.25	$113
	313	.65	5	168	34	106	21	0.54	197
	313	.70	4	500	125	358	90	1.60	224
	313	.75	3	175	58	129	43	0.56	231
	313	.80	2	53	27	42	21	0.17	248
	313	1.00	3	620	207	620	207	1.98	313
Total	313	.73	23	1,908	83	1,397	61	6.10	229
Loom fixers	313	1.67½	1	310	310	520	520	0.99	525
	313	1.86	2	599	300	1,103	552	1.91	576
Total	313	1.78½	3	909	303	1,623	541	2.90	559
Machinists	365	2.00	1	211	211	422	422	0.58	730
	365	2.25	1	150	150	337	337	0.41	820
Total	365	2.10	2	361	181	759	380	0.99	767
Oilers	313	.60	1	301	301	180	180	0.96	187
	313	.95	1	308	308	299	299	0.98	304
	313	1.00	2	574	287	574	287	1.83	313
Total	313	.89	4	1,183	296	1,053	263	3.77	279
Overseer, carding department	313	3.00	1	309	309	927	927	0.99	939
Overseer, dyeing room	313	3.50	1	278	278	973	973	0.89	1,096
Overseer, picking department	313	1.64½	1	309	309	509	509	0.99	516
Overseer, spinning department	313	3.25	1	310	310	1,008	1,008	0.99	1,018
Overseers, weaving department	313	2.59⅓	1	310	310	804	804	0.99	812
	313	3.25	1	126	126	410	410	0.40	1,018
Total	313	2.78½	2	436	218	1,214	697	1.39	872
Picking-room hands	313	.80	5	536	107	428	86	1.71	250
	313	.90	3	422	141	374	125	1.35	277
	313	1.00	2	263	132	265	133	0.84	315
	313	1.15	1	255	255	294	294	0.81	361
	313	1.25	1	168	168	209	209	0.54	389
Total	313	.95½	12	1,644	137	1,570	131	5.25	299
Press hands	313	1.00	3	483	161	483	161	1.54	313
Quillers	313	.30	1	212	212	64	64	0.68	94
	313	.35	9	488	54	172	19	1.56	110
	313	.40	4	321	80	123	31	1.03	120
	313	.45	1	111	111	50	50	0.35	141
	313	.50	1	74	74	35	35	0.24	148
	313	.75	3	372	124	279	93	1.19	235
Total	313	.46	19	1,578	83	723	38	5.05	143
Reelers	313	(a)	12	(a)	(a)	899	75	(a)	(a)
Repairers	313	1.00	1	35	35	35	35	0.11	313
	313	1.50	1	248	248	372	372	0.79	470
Total	313	1.44	2	283	142	407	204	0.90	450
Roller coverers	313	1.25	1	54	54	67	67	0.17	388
	313	1.65½	1	204	204	338	338	0.65	519
Total	313	1.57	2	258	129	405	203	0.82	491

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 64—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Roving carriers	313	$0.35	3	199	66	$69	$23	0.64	$109
	313	.40	3	551	184	215	72	1.76	122
	313	.45	6	738	123	331	55	2.36	140
Total	313	.41½	12	1,488	124	615	51	4.76	129
Scrubbers	313	.50	7	514	73	257	37	1.64	157
Second hands	313	1.50	2	619	310	928	464	1.98	469
Sewing-machine hand	313	.65	1	305	305	198	198	0.97	203
Shipping clerks	313	.77½	1	103	103	80	80	0.33	243
	313	1.75½	1	313	313	550	550	1.00	550
Total	313	1.51½	2	416	208	630	315	1.33	474
Slasher tenders	313	1.40	2	298	149	417	209	0.95	438
Speeders	313	.40	3	84	28	35	12	0.27	130
	313	.50	5	551	110	285	57	1.76	162
	313	.60	5	385	77	233	47	1.23	189
	313	.65	4	552	138	362	91	1.76	205
	313	.70	2	366	183	250	125	1.17	214
	313	.80	1	258	258	205	205	0.82	249
	313	(a)	14	(a)	(a)	2,389	171	(a)	(a)
Total	313	(b)	34	(b)	(b)	3,759	111	(b)	(b)
Spinners	313	.52	25	2,563	103	1,335	53	8.19	163
	313	.72½	12	2,454	205	1,777	148	7.84	227
	313	.97	4	769	192	746	187	2.46	304
	313	1.33½	3	604	201	807	269	1.93	418
Total	313	.73	44	6,390	145	4,665	106	20.42	229
Spoolers	313	(a)	29	(a)	(a)	3,704	128	(a)	(a)
Sweepers	313	.35	3	598	199	211	70	1.91	110
	313	.50	12	1,393	116	695	58	4.45	156
Total	313	.45½	15	1,991	133	906	60	6.36	142
Trimmer	313	1.00	1	150	150	150	150	0.48	313
Twisters	313	.34½	1	67	67	23	23	0.21	107
	313	.90½	4	795	199	719	180	2.54	283
Total	313	.86	5	862	172	742	148	2.75	269
Warpers	313	.60	1	307	307	184	184	0.98	188
	313	.80	2	324	162	259	130	1.04	250
	313	1.00	4	816	204	816	204	2.61	313
Total	313	.87	7	1,447	207	1,259	180	4.63	272
Waste pickers	313	.50	5	810	162	411	82	2.59	159
	313	.60	1	191	191	115	115	0.61	188
Total	313	.52½	6	1,001	167	526	88	3.20	164
Watchmen	365	1.00	1	30	30	30	30	0.08	365
	365	1.15	2	726	363	835	418	1.99	420
Total	365	1.14½	3	756	252	865	288	2.07	418

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. **64**—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Weavers	313	(a)	184	(a)	(a)	$18,642	$101	(a)	(a)
Winders	313	$0.30	1	20	20	6	6	0.06	$94
	313	.35	1	157	157	54	54	0.50	108
Total	313	.34	2	177	89	60	30	0.56	106
Yard hands	313	.90	4	425	106	375	94	1.36	276
	313	1.00	7	330	47	330	47	1.05	313
	313	1.33⅓	2	6	3	8	4	0.02	417
Total	313	.93½	13	761	59	713	55	2.43	293
The establishment	------	(b)	614	(b)	(b)	c 68,306	111	(b)	(b)

ESTABLISHMENT No. **67.**

Balers	313	$1.00	2	288	144	$287	$144	0.92	$312
Band fixers	313	.29	2	149	75	43	22	0.48	90
Beamers	313	.50	1	259	259	140	140	0.83	169
	313	.65	1	9	9	6	6	0.03	209
Total	313	.54½	2	268	134	146	73	0.86	171
Card grinder	313	1.50	1	152	152	228	228	0.49	470
Carders	313	.65	2	140	70	94	47	0.45	210
	313	.75	3	241	80	183	61	0.77	238
	313	.80	3	440	147	348	116	1.41	248
	313	.83⅓	10	597	60	497	50	1.91	261
	313	.90	1	183	183	162	162	0.58	277
Total	313	.80	19	1,601	84	1,284	68	5.12	251
Carpenters	313	1.05	2	179	90	188	94	0.57	329
Cloth inspectors	313	.73	6	581	97	423	71	1.86	228
Cloth tackers	313	.60	1	132	132	79	79	0.42	187
	313	.65	2	171	86	113	57	0.55	207
	313	.75	2	177	89	130	65	0.57	230
Total	313	.67	5	480	96	322	64	1.54	210
Doffers	313	.35	1	19	19	7	7	0.06	115
	313	.40	2	316	158	120	60	1.01	119
	313	.45	5	593	119	264	53	1.89	139
	313	.50	15	1,399	93	695	46	4.47	155
	313	.55	4	600	150	320	80	1.92	167
	313	.60	4	126	32	74	19	0.40	184
	313	.70	1	212	212	145	145	0.68	214
Total	313	.50	32	3,265	102	1,625	51	10.43	156
Drawers-in	313	.88	1	41	41	36	36	0.13	275
	313	1.18½	2	470	235	557	279	1.50	371
	313	1.54	1	26	26	40	40	0.08	482
Total	313	1.18	4	537	134	633	158	1.71	369

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.
c Includes $571 expended for permanent improvements, which could not be eliminated from the different occupations given above.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. **67**—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Drawing-frame tenders	313	$0.30	1	72	72	$23	$23	0.23	$100
	313	.40	2	235	118	89	45	0.75	119
	313	.50	4	366	92	183	46	1.17	157
	313	.60	2	278	139	171	86	0.89	193
	313	.65	1	9	9	6	6	0.03	209
	313	.70	2	16	8	11	6	0.05	215
	313	.75	2	70	35	53	27	0.22	237
	313	.85	1	73	73	62	62	0.23	266
Total	313	.53½	15	1,119	75	598	40	3.57	167
Dyers	313	.50	1	99	99	50	50	0.32	158
	313	.75	3	41	14	31	10	0.13	237
	313	.85	2	146	73	124	62	0.47	266
	313	1.00	1	13	13	13	13	0.04	313
	313	1.10	6	500	83	552	92	1.60	346
	313	1.20	3	358	119	418	139	1.14	365
	313	(a)	12	(a)	(a)	888	74	(a)	(a)
Total	313	(b)	28	(b)	(b)	2,076	74	(b)	(b)
Elevator hand	313	.83½	1	306	306	255	255	0.98	261
Filling carriers	313	0.50	1	6	6	3	3	0.02	157
	313	.60	4	62	16	38	10	0.20	192
	313	.70	7	301	43	206	29	0.96	214
	313	.75	12	476	40	357	30	1.52	235
Total	313	.71½	24	845	35	604	25	2.70	224
Finisher	313	.75	1	74	74	55	55	0.24	233
Fireman	313	1.00	1	265	265	265	265	0.85	313
Folders	313	.87½	1	16	16	14	14	0.05	274
	313	1.00	1	91	91	91	91	0.29	313
	313	1.10	1	139	139	153	153	0.44	345
Total	313	1.05	3	246	82	258	86	0.78	328
Handers-in	313	.53½	2	302	151	162	81	0.96	168
Laborers	313	.60	2	5	3	3	2	0.02	188
	313	.75	5	395	79	296	59	1.26	235
	313	.80	2	244	122	195	98	0.78	250
	313	.84½	2	253	127	214	107	0.81	265
	313	1.00	1	54	54	54	54	0.17	313
Total	313	.80	12	951	79	762	64	3.04	251
Loom fixers	313	1.25	2	67	34	83	42	0.21	388
	313	1.34	2	391	196	524	262	1.25	419
	313	1.50	4	985	246	1,463	366	3.15	465
	313	2.33⅓	1	3	3	7	7	0.01	730
Total	313	1.43⅓	9	1,446	161	2,077	231	4.62	450
Loom fixer and weaver	313	1.13	1	133	133	150	150	0.42	353
Machinist	313	2.50	1	328	328	820	820	1.05	783
Oilers	313	.75	1	155	155	115	115	0.50	232
	313	.80	1	290	290	226	226	0.93	244
Total	313	.76½	2	445	223	341	171	1.43	240

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 67—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Overseers, carding department	313	$2.23½	2	302	151	$675	$338	0.96	$700
Overseers, cloth room	313	1.46½	1	71	71	104	104	0.23	458
	313	1.87	1	227	227	424	424	0.73	585
Total	313	1.77	2	298	149	528	264	0.96	555
Overseer, dressing room	313	2.25	1	103	103	232	232	0.33	705
Overseer, dyeing room	313	3.00	1	306	306	917	917	0.98	938
Overseers, spinning department.	313	2.25	1	123	123	277	277	0.39	705
	313	2.50	2	163	82	405	203	0.52	778
Total	313	2.38½	3	286	95	682	227	0.91	746
Overseer, spooling department	313	1.75	1	126	126	220	220	0.40	547
Overseers, weaving department.	313	2.50	1	24	24	59	59	0.08	769
	313	3.00	2	102	51	306	153	0.33	939
Total	313	2.89½	3	126	42	365	122	0.41	907
Painter	313	1.00	1	2	2	2	2	0.01	313
Picking-room hands	313	.83⅓	1	278	278	230	230	0.89	259
	313	1.25	1	301	301	376	376	0.96	391
Total	313	1.04½	2	579	290	606	303	1.85	328
Quillers	313	.31⅓	15	345	23	110	7	1.12	99
	313	.56	10	350	35	196	20	1.12	175
	313	.76½	5	235	47	180	36	0.75	240
Total	313	.52	30	334	31	486	16	2.99	163
Quillers and spoolers	313	.33⅓	18	560	31	188	10	1.79	105
	313	.54	29	2,228	77	1,203	41	7.12	169
	313	.74⅓	12	1,476	123	1,099	92	4.72	233
Total	313	.58½	59	4,264	.72	2,490	42	13.63	183
Reelers	313	(a)	21	(a)	(a)	2,005	95	(a)	(a)
Second hands	313	.75	3	130	43	97	32	0.42	234
	313	1.10	1	298	298	322	322	0.95	338
	313	1.25	1	300	300	383	383	0.96	400
	313	1.33½	1	23	23	31	31	0.07	422
	313	1.35	1	77	77	104	104	0.25	423
Total	313	1.13	7	828	118	937	134	2.65	354
Slasher tenders	313	1.66½	2	131	66	218	109	0.42	521
Slasher tenders' helpers	313	.70	1	30	30	21	21	0.10	219
	313	.75	1	86	86	64	64	0.27	233
Total	313	.73½	2	116	58	85	43	0.37	229
Speeders	313	.83⅓	2	263	132	217	109	0.84	258
	313	1.00	1	289	289	289	289	0.92	313
	313	(a)	27	(a)	(a)	1,961	73	(a)	(a)
Total	313	(b)	30	(b)	(b)	2,467	82	(b)	(b)

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 67—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Spinners	313	(a)	53	(a)	(a)	$2,746	$52	(a)	(a)
Spoolers	313	$0.20	1	45	45	8	8	0.14	$56
	313	.30	10	216	22	65	7	0.69	94
	313	.35	1	34	34	12	12	0.11	110
	313	.50	2	12	6	6	3	0.04	157
	313	.52	16	936	59	488	31	2.99	163
	313	.60	6	157	26	93	16	0.50	185
	313	.69½	6	878	146	610	102	2.81	217
	313	.75	2	168	84	127	64	0.54	237
	313	.96	5	372	74	358	72	1.19	301
	313	1.00	1	11	11	11	11	0.04	313
	313	(a)	18	(a)	(a)	585	33	(a)	(a)
Total	313	(b)	68	(b)	(b)	2,363	35	(b)	(b)
Sweepers	313	.15	5	54	11	8	2	0.17	46
	313	.20	3	16	5	3	1	0.05	59
	313	.25	15	605	40	148	10	1.93	77
	313	.30	5	324	65	95	19	1.04	92
	313	.35	5	449	90	155	31	1.43	108
	313	.37½	2	123	62	45	23	0.39	115
	313	.40	3	105	35	42	14	0.34	125
	313	.45	3	159	53	70	23	0.51	138
	313	.50	11	283	26	141	13	0.90	156
	313	.60	11	151	14	91	8	0.48	189
Total	313	.35	63	2,269	36	798	13	7.24	110
Teamster	313	.83½	1	308	308	256	256	0.98	260
Warpers	313	.72	2	25	13	18	9	0.08	225
	313	.85	1	222	222	189	189	0.71	266
	313	.90	7	931	133	841	120	2.97	283
	313	1.00	1	294	294	294	294	0.94	313
Total	313	.91	11	1,472	134	1,342	122	4.70	285
Waste hand	313	.83½	1	276	276	230	230	0.88	261
Watchman	365	1.20	1	366	366	439	439	1.00	438
Weavers	313	.43½	12	300	25	131	11	0.96	137
	313	.60	3	47	16	28	9	0.15	186
	313	.64½	30	1,871	62	1,208	40	5.98	202
	313	.75	12	512	43	383	32	1.64	234
	313	.86½	72	6,496	90	5,622	78	20.75	271
	313	1.07½	54	6,093	113	6,565	122	19.47	337
	313	1.36½	17	2,245	132	3,068	180	7.17	428
	313	1.58	3	677	226	1,070	357	2.16	495
Total	313	.99	203	18,241	90	18,075	89	58.28	310
Yarn bundlers	313	.80	1	99	99	80	80	0.32	253
	313	.83½	1	110	110	92	92	0.35	262
	313	1.00	1	76	76	76	76	0.24	313
Total	313	.87	3	285	95	248	83	0.91	272
The establishment	.....	(b)	746	(b)	(b)	c 53,014	71	(b)	(b)

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.
c The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 68.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Brushers	313	$0.60	5	306	61	$183	$37	0.98	$187
Card grinders	313	1.00	3	287	96	281	94	0.92	306
	313	1.10	1	249	249	265	265	0.80	333
	313	1.25	1	248	248	300	300	0.79	379
Total	313	1.08	5	784	157	846	169	2.51	338
Card strippers	313	.90	5	1,109	222	999	200	3.54	282
Doffers	313	.25	9	625	69	157	17	2.00	79
	313	.30	5	309	62	94	19	0.99	95
	313	.35	2	311	156	110	55	0.99	111
	313	.40	9	885	98	359	40	2.83	127
	313	.45	2	312	156	146	73	1.00	146
	313	.50	3	348	116	177	59	1.11	159
	313	.55	6	617	103	335	56	1.97	170
	313	.60	6	468	78	291	49	1.50	195
	313	.75	2	77	39	58	29	0.25	236
Total	313	.43½	44	3,952	90	1,727	39	12.64	137
Drawers-in	313	.55	2	152	76	85	43	0.49	175
	313	.60	4	313	78	188	47	1.00	188
	313	.65	2	254	127	178	89	0.81	219
Total	313	.62½	8	719	90	451	56	2.30	196
Drawing-frame tenders	313	.60	3	392	131	245	82	1.25	196
Elevator hands	313	.96	2	333	167	319	160	1.06	300
Engineer	313	1.25	1	299	299	374	374	0.96	392
Folder	313	1.00	1	296	296	291	291	0.95	308
Handers-in	313	.40	5	662	132	263	53	2.12	124
	313	.50	2	299	150	147	74	0.96	154
Total	313	.42½	7	961	137	410	59	3.08	134
Machinist	313	2.25	1	261	261	588	588	0.83	705
Machinist's helper	313	1.00	1	2	2	2	2	0.01	313
Overseer, carding department	313	2.50	1	300	300	751	751	0.96	784
Overseer, spinning department	313	2.50	1	257	257	643	643	0.82	783
Overseer, weaving department	313	2.50	1	297	297	743	743	0.95	783
Packer	313	1.75	1	274	274	480	480	0.88	548
Picking-room hands	313	.70	3	291	97	218	73	0.93	234
	313	.90	1	285	285	258	258	0.91	283
	313	1.20	1	282	282	338	338	0.90	375
Total	313	.95	5	858	172	814	163	2.74	297
Railway hands	313	.60	3	403	134	253	84	1.29	196
	313	.70	1	61	61	44	44	0.19	226
Total	313	.64	4	464	116	297	74	1.48	200
Second hands	313	1.10	1	54	54	59	59	0.17	342
	313	1.20	1	301	301	361	361	0.96	375
	313	1.25	1	299	299	374	374	0.96	392
	313	1.35	4	1,087	272	1,468	367	3.47	423
Total	313	1.30	7	1,741	249	2,262	323	5.56	407
Slasher tender	313	1.75	1	293	293	512	512	0.94	547
Speeders, coarse	313	.60	9	1,818	202	1,092	121	5.81	188
Speeders, fine	313	.60	9	1,919	213	1,151	128	6.13	188

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 68—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Spinners	313	$0.20	1	10	10	$2	$2	0.03	$63
	313	.25	4	37	9	9	2	0.12	76
	313	.30	2	353	177	109	55	1.13	97
	313	.35	3	589	196	201	67	1.88	107
	313	.40	3	317	106	122	41	1.01	120
	313	.45	1	285	285	126	126	0.91	138
	313	.50	5	706	141	356	71	2.26	158
	313	.55	24	3,605	150	1,989	83	11.52	173
	313	.60	3	504	168	297	99	1.61	184
Total	313	.50	46	6,406	139	3,211	70	20.47	157
Spoolers	313	.55	1	262	262	144	144	0.84	172
	313	.60	11	1,695	154	1,018	93	5.42	188
Total	313	.59½	12	1,957	163	1,162	97	6.26	186
Sweepers	313	.25	2	19	10	5	3	0.06	82
	313	.30	6	182	30	55	9	0.58	95
	313	.35	5	315	63	110	22	1.01	109
	313	.40	3	319	106	128	43	1.02	126
	313	.50	1	21	21	11	11	0.07	164
	313	.60	1	43	43	26	26	0.14	189
Total	313	.37½	18	899	50	335	19	2.88	117
Warpers	313	.75	2	591	296	444	222	1.89	235
Waste hand	313	.90	1	156	156	140	140	0.50	281
Watchmen	365	1.00	1	359	359	359	359	0.98	365
	365	1.28½	1	364	364	468	468	1.00	469
Total	365	1.14½	2	723	362	827	414	1.98	418
Weavers	313	.67½	61	9,290	152	6,277	103	29.68	211
	313	.86	23	3,850	167	3,306	144	12.30	269
Total	313	.73	84	13,140	156	9,583	114	41.98	228
The establishment		.74½	287	41,507	145	30,882	108	132.34	233

ESTABLISHMENT No. 70.

Baler	313	$1.11½	1	292	292	$326	$326	0.93	$349
Band fixers	313	.15	2	333	167	51	26	1.06	48
Bobbin boys	313	.14½	1	67	67	10	10	0.21	47
	313	.18½	1	107	107	20	20	0.34	59
Total	313	.17	2	174	87	30	15	0.55	54
Brusher	313	1.16½	1	307	307	358	358	0.98	365
Card grinders	313	1.21	3	669	223	809	270	2.14	379
Carders	313	.75	2	493	247	364	182	1.58	231
	313	.89½	3	613	204	554	185	1.96	283
	313	1.00	4	924	231	920	230	2.95	312
Total	313	.90½	9	2,030	226	1,838	204	6.49	283
Carpenters	313	1.50	1	241	241	363	363	0.77	471
	313	1.66½	1	302	302	504	504	0.96	522
Total	313	1.59½	2	543	272	867	434	1.73	500

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 70—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Cloth carriers	313	$0.83½	2	265	133	$220	$110	0.85	$260
Cloth inspectors	313	1.30	3	515	172	670	223	1.65	407
Doffers	313	.14½	3	89	30	13	4	0.28	46
	313	.16½	2	58	29	10	5	0.19	54
	313	.18½	4	781	195	149	37	2.50	60
	313	.21	2	213	107	44	22	0.68	65
	313	.23	4	1,100	275	252	63	3.51	72
	313	.25	6	742	124	185	31	2.37	78
	313	.27	1	50	50	13	13	0.16	81
	313	.29	7	1,001	143	292	42	3.20	91
	313	.31½	8	1,549	194	486	61	4.95	98
	313	.33½	3	683	228	231	77	2.18	106
	313	.37½	3	391	130	144	48	1.25	115
	313	.58½	1	176	176	107	107	0.56	190
Total	313	.28	44	6,833	155	1,926	.44	21.83	88
Drawers-in	313	(a)	8	(a)	(a)	844	106	(a)	(a)
Drawing-frame tenders	313	.46	1	109	109	48	48	0.35	138
	313	.50	1	115	115	57	57	0.37	155
	313	.52	2	445	223	232	116	1.42	163
	313	.55	1	300	300	165	165	0.96	172
Total	313	.52	5	969	194	502	100	3.10	162
Driver	313	1.25	1	312	312	390	390	1.00	391
Elevator hands	313	.59	4	114	29	67	17	0.36	184
Elevator hand and filling carrier.	313	.75	1	133	133	99	99	0.42	233
Engineer	313	2.75	1	317	317	872	872	1.01	861
Filling carriers	313	.83½	5	552	110	449	90	1.76	255
Fireman	313	1.58	1	274	274	433	433	0.88	495
Folder	313	1.00	1	306	306	306	306	0.98	313
Handers-in	313	.16½	12	1,762	147	291	24	5.63	52
Hander-in and spinner	313	.32	1	154	154	49	49	0.49	100
Loom fixers	313	1.32	5	1,449	290	1,914	383	4.63	413
Machinist	313	2.87½	1	311	311	893	893	0.99	899
Oilers	313	.41½	1	21	21	9	9	0.07	134
	313	.50	1	109	109	53	53	0.35	152
	313	.58½	1	74	74	43	43	0.24	182
	313	.75	2	242	121	182	91	0.77	235
	313	.83½	1	310	310	259	259	0.99	262
Total	313	.72	6	756	126	546	91	2.42	226
Overseer, spinning department	313	4.01	1	298	298	1,195	1,195	0.95	1,255
Overseer, weaving department	313	3.34½	1	308	308	1,030	1,030	0.98	1,047
Picking-room hands	313	.37½	2	189	95	71	36	0.60	118
	313	.46	1	7	7	3	3	0.02	134
	313	.62½	3	442	147	282	94	1.41	200
	313	.91½	1	289	289	265	265	0.92	287
	313	1.00	3	253	84	253	84	0.81	313
Total	313	.74	10	1,189	118	874	87	3.76	232
Roving carriers	313	.83½	1	303	303	252	252	0.97	260
	313	.87½	1	308	308	269	269	0.98	273
Total	313	.85½	2	611	306	521	261	1.95	267
Scrubber	313	.54	1	303	303	164	164	0.97	169

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 70—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Second hands	313	$1.50	1	314	314	$468	$468	1.00	$467
	313	1.58½	2	629	315	980	490	2.01	488
	313	1.66½	2	621	311	1,024	512	1.98	516
Total	313	1.58	5	1,564	313	2,472	494	4.99	495
Slasher tenders	313	1.12½	1	323	323	377	377	1.03	365
	313	1.79	1	314	314	573	573	1.00	571
Total	313	1.49	2	637	319	950	475	2.03	467
Slasher tenders' helper	313	75	1	144	144	108	108	0.46	235
Speeders, coarse	313	.37½	1	17	17	6	6	0.05	110
	313	.41	1	100	100	41	41	0.32	128
	313	.50	2	318	159	160	80	1.02	157
	313	.52½	1	177	177	91	91	0.57	161
	313	.55	1	232	232	127	127	0.74	171
	313	.58½	2	289	145	168	84	0.92	182
	313	.62½	2	144	72	89	45	0.46	193
Total	313	.53½	10	1,277	128	682	68	4.08	167
Speeders, fine	313	.62½	14	2,928	209	1,829	131	9.35	196
Spinners	313	.14½	1	27	27	4	4	0.09	46
	313	.16½	2	201	101	34	17	0.64	53
	313	.18½	3	411	137	76	25	1.31	58
	313	.21	5	517	103	107	21	1.65	65
	313	.23	1	83	83	19	19	0.27	72
	313	.25	1	17	17	4	4	0.05	74
	313	.27	3	621	207	171	57	1.98	86
	313	.31½	3	453	151	141	47	1.45	97
	313	.33½	3	341	114	112	37	1.09	103
	313	.36	1	111	111	39	39	0.35	110
	313	.41½	7	1,579	226	658	94	5.04	130
	313	.50	5	1,064	213	528	106	3.40	155
	313	.52	1	268	268	138	138	0.86	161
	313	.54	7	1,324	189	716	102	4.23	169
Total	313	.39	43	7,017	163	2,747	64	22.41	123
Spoolers	313	.41½	1	12	12	5	5	0.04	130
	313	.54	2	500	250	270	135	1.60	169
	313	.56½	15	2,513	168	1,416	94	8.03	176
	313	.60	1	267	267	157	157	0.85	184
Total	313	.56	19	3,292	173	1,848	97	10.52	176
Sweepers	313	.16½	2	192	96	32	16	0.61	52
	313	.21	1	307	307	65	65	0.98	66
Total	313	.19½	3	499	166	97	32	1.59	61
Warpers	313	.62½	6	1,125	188	703	117	3.59	196
Waste hands	313	.25	1	288	288	71	71	0.92	77
	313	1.00	1	319	319	319	319	1.02	313
Total	313	.64½	2	607	304	390	195	1.94	201
Waste pickers	313	(a)	3	(a)	(a)	167	56	(a)	(a)
Watchman	365	1.16½	1	345	345	403	403	0.95	426
Water boys	313	.29	2	301	151	92	46	0.96	96
Weavers	313	(a)	96	(a)	(a)	9,297	97	(a)	(a)

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 70—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Weavers' apprentices	313	$0.30	1	104	104	$33	$33	0.33	$99
	313	.41½	17	892	52	371	22	2.85	130
Total	313	.40⅜	18	996	55	404	22	3.18	127
Yard hands	313	1.00	2	185	93	187	94	0.59	316
The establishment	.....	(a)	363	(a)	(a)	40,910	113	(a)	(a)

ESTABLISHMENT No. —.

[No statement of cost of production for this establishment is shown in Table I.]

Band boys	313	$0.30	3	301	100	$92	$31	0.96	$96
	313	.35	3	235	78	82	27	0.75	109
	313	.40	1	291	291	114	114	0.93	123
	313	.50	1	211	211	106	106	0.67	157
Total	313	.38	8	1,038	130	394	49	3.31	119
Beamers	313	.55	5	499	100	266	53	1.59	167
	313	.70	2	45	23	32	16	0.14	223
	313	1.20	1	282	282	336	336	0.90	373
	313	(b)	4	(b)	(b)	1,559	390	(b)	(b)
Total	313	(c)	12	(c)	(c)	2,193	183	(c)	(c)
Blacksmith	313	1.50	1	319	319	478	478	1.02	469
Bobbin boys	313	.25	1	210	210	55	55	0.67	82
	313	.30	4	219	55	66	17	0.70	94
	313	.40	2	258	129	102	51	0.82	124
	313	.55	7	238	34	129	18	0.76	170
Total	313	.38	14	925	66	352	25	2.95	119
Bricklayers	313	4.00	6	75	13	298	50	0.24	1,244
Card grinders	313	.90	2	445	223	398	199	1.42	280
	313	1.00	1	33	33	33	33	0.11	313
	313	1.20	1	346	346	407	407	1.11	368
	313	1.25	4	630	158	787	197	2.01	391
	313	1.40	3	639	213	895	298	2.04	438
Total	313	1.20½	11	2,093	190	2,520	229	6.69	377
Card strippers	313	.50	3	180	60	94	31	0.58	163
	313	.60	6	582	97	356	59	1.86	191
	313	.75	22	1,726	78	1,290	59	5.51	234
Total	313	.70	31	2,488	80	1,740	56	7.95	219
Carpenters	313	1.00	1	135	135	135	135	0.43	313
	313	1.40	1	300	300	419	419	0.96	437
	313	1.50	1	316	316	474	474	1.01	470
	313	2.75	1	298	298	818	818	0.95	859
Total	313	1.76	4	1,049	262	1,846	462	3.35	551
Cloth tacker	313	.60	1	290	290	169	169	0.93	182
Cloth-room hands	313	.45	2	363	182	166	83	1.16	143
	313	.50	7	713	102	355	51	2.28	156

a No total can be made for the reason shown in the preceding footnote *a*.
b Paid by the quantity. The daily rate of pay and days of work done cannot be given.
c No total can be made for the reason shown in the preceding footnote.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. ——Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Cloth-room hands—concluded.	313	$0.60	5	374	75	$231	$46	1.19	$193
	313	.75	6	173	29	129	22	0.55	233
	313	.80	2	79	40	63	32	0.25	250
	313	.90	8	1,208	151	1,104	138	3.86	286
	313	1.00	2	322	161	322	161	1.03	313
	313	1.75	1	169	169	295	295	0.54	546
Total	313	.78½	33	3,401	103	2,665	81	10.86	245
Creelers	313	.30	21	1,143	54	347	17	3.65	95
	313	.35	22	2,895	132	1,022	46	9.25	110
Total	313	.34	43	4,038	94	1,369	32	12.90	106
Doffers	313	.25	24	1,770	74	450	19	5.65	80
	313	.30	115	11,477	100	3,463	30	36.67	94
	313	.35	42	5,782	138	1,994	47	18.47	108
	313	.45	4	528	132	235	59	1.69	139
	313	.60	4	493	123	291	73	1.58	185
Total	313	.32	189	20,050	106	6,433	34	64.06	100
Drawers-in	313	(a)	22	(a)	(a)	3,029	138	(a)	(a)
Drawing-frame tenders	313	.40	2	123	62	49	25	0.39	125
	313	.50	27	2,141	79	1,082	40	6.84	158
	313	.60	6	1,012	169	607	101	3.23	188
Total	313	.53	35	3,276	94	1,738	50	10.46	166
Driers	313	.60	4	400	100	240	60	1.28	188
	313	.75	2	104	52	78	39	0.33	235
	313	.90	1	123	123	111	111	0.39	282
Total	313	.68½	7	627	90	429	61	2.00	214
Dyeing-room hands	313	.80	4	126	32	100	25	0.40	248
	313	.90	1	53	53	47	47	0.17	278
	313	.95	5	1,106	221	1,056	211	3.53	299
	313	1.00	7	1,550	221	1,549	221	4.95	313
	313	1.10	2	598	299	658	329	1.91	344
	313	1.20	1	282	282	338	338	0.90	375
Total	313	1.01	20	3,715	186	3,748	187	11.86	316
Elevator hands	313	.80	4	268	67	214	54	0.86	250
Engineers	313	3.93¾	1	305	305	1,200	1,200	0.97	1,231
	313	4.95	1	303	303	1,500	1,500	0.97	1,550
Total	313	4.44	2	608	304	2,700	1,350	1.94	1,390
Filling carriers	313	.25	3	87	29	22	7	0.28	79
	313	.30	3	86	29	26	9	0.27	95
	313	.35	11	1,222	111	408	37	3.90	105
	313	.40	5	479	96	191	38	1.53	125
	313	.45	2	145	73	65	33	0.46	140
	313	.50	6	202	34	100	17	0.65	155
	313	.55	1	27	27	15	15	0.09	174
	313	.60	2	132	66	79	40	0.42	187
	313	.70	5	306	61	215	43	0.98	220
	313	.75	11	527	48	394	36	1.68	234
Total	313	.47	49	3,213	66	1,515	31	10.26	148

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. — —Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employès.	Days of work done.		Earnings.		Necessary employès.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Firemen	313	$1.00	1	63	63	$63	$63	0.20	$313
	313	1.10	3	331	110	369	123	1.06	349
	313	1.20	2	491	246	592	296	1.57	377
	313	1.25	1	309	309	392	392	0.99	397
Total	313	1.18½	7	1,194	171	1,416	202	3.82	371
Folders	313	.55	1	298	298	164	164	0.95	172
	313	.60	3	616	205	372	124	1.97	189
	313	.80	1	301	301	246	246	0.96	256
	313	.90	2	442	221	391	196	1.41	277
	313	1.00	1	301	301	301	301	0.96	313
Total	313	.75½	8	1,958	245	1,474	184	6.25	236
Harness hand	313	.50	1	82	82	41	41	0.26	157
Hostlers	365	1.06	1	295	295	313	313	0.81	387
	365	1.20	3	850	283	1,019	340	2.33	438
Total	365	1.16½	4	1,145	286	1,332	333	3.14	425
Loom fixers	313	1.20	1	82	82	98	98	0.26	374
	313	1.25	4	460	115	572	143	1.47	389
	313	1.44	4	705	176	1,014	254	2.25	450
	313	1.50	4	582	146	872	218	1.86	469
	313	1.60	1	94	94	150	150	0.30	499
	313	1.75	7	1,131	162	1,978	283	3.61	547
Total	313	1.53½	21	3,054	145	4,684	223	9.75	480
Machinists	313	1.50	1	154	154	232	232	0.49	472
	313	1.75	3	629	210	1,100	367	2.01	547
Total	313	1.70	4	783	196	1,332	333	2.50	532
Master machinist	313	3.25	1	333	333	1,082	1,082	1.06	1,017
Oilers	313	.25	3	64	21	16	5	0.20	78
	313	.30	4	372	93	114	29	1.19	96
	313	.35	5	455	91	154	31	1.45	106
	313	.40	3	208	69	83	28	0.66	125
	313	.60	1	49	49	29	29	0.16	185
	313	.75	4	605	151	462	116	1.93	239
	313	.85	1	315	315	265	265	1.01	263
	313	1.00	4	598	150	596	149	1.91	312
Total	313	.64½	25	2,666	107	1,719	69	8.51	202
Overseers, carding department	313	3.50	5	569	114	1,992	398	1.82	1,096
Overseer, cloth room	313	2.50	1	299	299	748	748	0.96	783
Overseer, dyeing room	313	5.08	1	309	309	1,569	1,569	0.99	1,589
Overseers, spinning department.	313	3.50	6	527	88	1,843	307	1.68	1,095
Overseers, spooling department.	313	3.00	1	87	87	262	262	0.28	943
	313	3.50	2	118	59	414	207	0.38	1,089
Total	313	3.30	3	205	68	676	225	0.66	1,032
Overseers, weaving department	313	4.00	1	308	308	1,230	1,230	0.98	1,250
	313	4.25	1	320	320	1,360	1,360	1.02	1,330
Total	313	4.12½	2	628	314	2,590	1,295	2.00	1,291
Picking-room hands	313	.50	3	230	77	116	39	0.73	158
	313	.75	9	87	10	65	7	0.23	234
	313	.80	17	543	32	434	26	1.73	250

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. — —Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Picking-room hands—conc'd..	313	$0.90	7	1,096	157	$968	$138	3.50	$276
	313	1.00	11	2,571	234	2,597	236	8.21	316
	313	1.25	2	295	148	368	184	0.94	390
Total	313	.94½	49	4,822	98	4,548	93	15.39	295
Piecers	313	.40	7	700	100	271	39	2.24	121
	313	.45	2	388	194	183	92	1.24	148
	313	.55	8	878	110	478	60	2.81	170
	313	.60	4	609	152	371	93	1.95	191
Total	313	.50½	21	2,575	123	1,303	62	8.24	158
Press hands	313	.75	2	157	79	118	59	0.50	235
	313	1.06½	1	301	301	320	320	0.96	333
Total	313	.95½	3	458	153	438	146	1.46	299
Quillers	313	(a)	57	(a)	(a)	2,887	51	(a)	(a)
Railway hands	313	.30	16	1,305	82	390	24	4.17	94
	313	.40	11	1,261	115	504	46	4.03	125
	313	.50	7	992	142	496	71	3.17	157
	313	.65	2	476	238	311	156	1.52	205
Total	313	.42	36	4,034	112	1,701	47	12.89	132
Reelers	313	(a)	14	(a)	(a)	1,606	115	(a)	(a)
Roller coverers	313	2.25	1	108	108	242	242	0.35	701
	313	2.50	2	119	60	297	149	0.38	781
	313	3.00	1	19	19	57	57	0.06	939
Total	313	2.42½	4	246	62	596	149	0.79	758
Roving carriers	313	.30	4	88	22	26	7	0.28	92
	313	.35	2	78	39	27	14	0.25	108
	313	.40	2	113	57	45	23	0.36	125
	313	.45	5	370	74	161	32	1.18	136
	313	.60	7	288	41	172	25	0.92	187
	313	.70	1	311	311	217	217	0.99	218
	313	.75	11	339	31	255	23	1.08	235
	313	.80	2	56	28	45	23	0.18	252
Total	313	.57½	34	1,643	48	948	28	5.24	181
Scrubbers	313	.45	48	3,824	80	1,734	36	12.22	142
Second hands	313	1.40	2	271	136	380	190	0.87	439
	313	1.50	4	573	143	855	214	1.83	467
	313	1.75	8	360	45	629	79	1.15	547
	313	2.00	5	723	145	1,447	289	2.31	626
	313	2.25	3	481	160	1,083	361	1.54	705
	313	2.50	3	332	111	829	276	1.06	782
Total	313	1.90½	25	2,740	110	5,223	209	8.76	597
Slasher tenders	313	.80	8	486	61	388	49	1.55	250
Slasher tenders, head	313	1.50	2	565	283	847	424	1.81	469
Speeders	313	(a)	54	(a)	(a)	7,126	132	(a)	(a)
Spinners	313	(a)	126	(a)	(a)	12,393	98	(a)	(a)
Spoolers	313	(a)	150	(a)	(a)	6,625	44	(a)	(a)
Stampers	313	1.00	1	227	227	224	224	0.73	309
	313	1.10	1	306	306	328	328	0.98	336
Total	313	1.03½	2	533	267	552	276	1.71	324

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. — —Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Stitchers	313	$0.50	2	30	15	$15	$8	0.10	$157
	313	.60	2	603	302	358	179	1.93	186
Total	313	.59	4	633	158	373	93	2.03	184
Sweepers	313	.30	5	522	104	158	32	1.67	95
	313	.40	1	12	12	5	5	0.04	130
	313	.45	13	858	66	387	30	2.74	141
Total	313	.39½	19	1,392	73	550	29	4.45	124
Third hands	313	.80	3	356	119	276	92	1.14	243
	313	.90	1	184	184	160	160	0.59	272
	313	1.00	6	998	166	1,018	170	3.19	319
	313	1.06	3	417	139	443	148	1.33	333
Total	313	.97	13	1,955	150	1,897	146	6.25	304
Twisters	313	(a)	14	(a)	(a)	970	69	(a)	(a)
Warpers	313	.45	4	217	54	98	25	0.69	141
	313	.50	7	160	23	80	11	0.51	157
	313	.55	1	40	40	22	22	0.13	172
	313	.60	2	408	204	243	122	1.30	186
	313	.75	3	438	146	326	109	1.40	233
	313	.80	1	156	156	125	125	0.50	251
	313	1.50	2	331	166	500	250	1.06	473
	313	(a)	6	(a)	(a)	1,394	232	(a)	(a)
Total	313	(b)	26	(b)	(b)	2,788	107	(b)	(b)
Waste hand	313	1.20	1	283	283	339	339	0.90	375
Watchmen	365	1.00	3	97	32	97	32	0.27	365
	365	1.25	7	937	134	1,165	166	2.57	454
	365	1.75	1	326	326	570	570	0.89	638
Total	365	1.34½	11	1,360	124	1,832	167	3.73	492
Weavers	313	(a)	400	(a)	(a)	51,317	128	(a)	(a)
Weighers	313	.60	4	179	45	107	27	0.57	187
	313	.70	5	143	29	101	20	0.46	221
Total	313	.64½	9	322	36	208	23	1.03	202
Wood turners	313	1.50	1	300	300	450	450	0.96	470
	313	1.75	1	276	276	483	483	0.88	548
Total	313	1.62	2	576	288	933	467	1.84	507
Yard hands	313	.65	1	40	40	26	26	0.13	203
	313	.75	3	23	8	17	6	0.07	231
	313	.80	17	396	23	319	19	1.27	252
	313	.90	10	132	13	118	12	0.42	280
	313	.95	10	427	43	411	41	1.36	301
	313	1.00	26	1,316	51	1,316	51	4.20	313
	313	1.08½	4	667	167	723	181	2.13	339
Total	313	.97½	71	3,001	42	2,930	41	9.58	306
Yarn hands	313	.25	4	357	89	89	22	1.14	78
	313	.30	2	122	61	37	19	0.39	95
	313	.35	3	498	166	178	59	1.59	112
	313	.40	2	73	37	29	15	0.23	124
	313	.45	2	374	187	169	85	1.19	141

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

B.—Cotton Textiles: SOUTHERN DISTRICT OF THE UNITED STATES—Concluded.

ESTABLISHMENT No. — —Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Yarn hands—concluded	313	$0.80	3	24	8	$19	$6	0.08	$248
	313	.85	2	7	4	6	3	0.02	268
Total	313	.36	18	1,455	81	527	29	4.64	113
The establishment	.....	(a)	1,802	(a)	(a)	169,907	94	(a)	(a)

C.—Cotton Textiles: CONTINENT OF EUROPE.

ESTABLISHMENT No. **71.**

Beam hand	313	$0.72	1	323	323	$233	$233	1.03	$226
Blacksmith	313	.72	1	306	306	220	220	0.98	225
Carpenters	313	.65½	3	874	291	572	191	2.79	205
Carpenters' helper	313	.48	1	316	316	152	152	1.01	151
Cleaners	313	.34½	5	1,080	216	372	74	3.45	108
Cloth inspectors	313	.35	2	596	298	210	105	1.90	110
	313	.66½	2	606	303	404	202	1.94	209
Total	313	.51	4	1,202	301	614	154	3.84	160
Drawers-in	313	.44	13	3,374	260	1,489	115	10.78	138
	313	.54½	1	291	291	158	158	0.93	170
Total	313	.45	14	3,665	262	1,647	118	11.71	141
Filling carrier	313	.55½	1	293	293	163	163	0.94	174
Firemen	313	.64	2	677	339	432	216	2.16	200
Gasman	313	.49	1	55	55	27	27	0.18	154
Gateman	313	.50½	1	308	308	155	155	0.98	158
Laborers	313	.42½	14	3,924	280	1,677	120	12.54	134
Machinists	313	.72½	3	719	240	522	174	2.30	227
Machinists' helpers	313	.53	2	291	146	154	77	0.93	166
Measurer	313	.35½	1	244	244	87	87	0.78	112
Oilers	313	.47	5	1,374	275	646	129	4.39	147
Overseers	313	.82	4	1,218	305	996	249	3.89	256
Overseer spooling department	313	.59½	1	291	291	173	173	0.93	186
Overseers weaving department	313	.91½	5	1,218	244	1,114	223	3.89	286
Packer	313	.48	1	258	258	124	124	0.82	150
Room girls	313	.22½	3	640	213	144	48	2.04	70
Slasher tenders	313	.66½	3	975	325	649	216	3.12	208
Slasher tender, head	313	.86½	1	302	302	261	261	0.96	271
Slasher tenders' helpers	313	.48½	2	561	281	272	136	1.79	152
Spoolers	313	.40½	37	9,547	258	3,857	104	30.50	126
	313	.56	1	285	285	160	160	0.91	176
Total	313	.41	38	9,832	259	4,017	106	31.41	128
Teamsters	313	.48	3	918	306	440	147	2.93	150
Warehousemen	313	.54	2	626	313	337	169	2.00	169
Warpers	313	.63½	9	2,418	269	1,532	170	7.73	198
Watchman	313	.45½	1	329	329	149	149	1.05	142
Weavers	313	.43⅓	115	25,069	218	10,929	95	80.09	136
	313	.50¼	142	35,353	249	17,872	126	112.95	158
	313	.85	2	605	303	515	258	1.93	266
Total	313	.48	259	61,027	236	29,316	113	194.97	150
The establishment	.....	.49	391	96,264	246	b47,197	121	307.54	153

a No total can be made for the reason shown in the preceding footnote *a*.

b The earnings here shown, though for only a part of the employés, are thought to be fairly representative.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

C.—Cotton Textiles: CONTINENT OF EUROPE—Continued.

ESTABLISHMENT No. 91.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Backboys and doffers	156	$0.35	84	8,706	104	$3,048	$36	55.81	$55
Blacksmiths	156	.65½	1	183	183	120	120	1.17	102
	156	.85	1	190	190	161	161	1.22	132
Total	156	.75½	2	373	187	281	141	2.39	118
Boilermaker	156	.89	1	186	186	165	165	1.19	138
Card grinders	156	.68½	7	1,016	145	698	100	6.51	107
	156	.89	2	287	144	256	128	1.84	139
Total	156	.73	9	1,303	145	954	106	8.35	114
Card strippers	156	.44½	1	134	134	62	62	0.86	72
	156	.53	1	143	143	76	76	0.92	83
	156	.58	1	105	105	62	62	0.67	91
	156	.60	4	382	96	230	58	2.45	94
	156	.63½	3	154	51	98	33	0.99	99
	156	.67½	5	562	112	378	76	3.60	105
	156	.69	3	292	97	202	67	1.87	108
Total	156	.62½	18	1,772	98	1,108	62	11.36	98
Carders	156	.25	19	1,810	95	450	24	11.60	39
	156	.29	8	705	88	203	25	4.52	45
	156	.36½	1	146	146	53	53	0.94	57
Total	156	.26½	28	2,661	95	706	25	17.06	41
Carpenters	156	.77	1	158	158	122	122	1.01	120
	156	.87	1	164	164	143	143	1.05	136
Total	156	.82½	2	322	161	265	133	2.06	128
Doffers	156	.19½	12	935	78	182	15	5.99	30
Drawers-in	156	(a)	11	(a)	(a)	849	77	(a)	(a)
Drawing-frame tenders	156	.40½	20	2,117	106	861	43	13.57	63
	156	.43½	6	719	120	313	52	4.61	68
	156	.46½	2	178	89	81	41	1.14	71
	156	.52½	1	143	143	75	75	0.92	82
Total	156	.42	29	3,157	109	1,330	46	20.24	66
Engineers	156	1.20½	1	24	24	29	29	0.15	189
	156	1.44½	1	156	156	226	226	1.00	226
Total	156	1.41½	2	180	90	255	128	1.15	221
Engineers, assistant	156	.60	1	198	198	119	119	1.27	94
	156	.64½	1	195	195	126	126	1.25	101
Total	156	.62½	2	393	197	245	123	2.52	97
Firemen	156	.70½	1	24	24	17	17	0.15	111
	156	.89	4	369	92	327	82	2.37	138
Total	156	.87½	5	393	79	344	69	2.52	137
Folder	156	.77	1	23	23	18	18	0.15	122
Folder's helper	156	.24	1	23	23	6	6	0.15	41
Foreman, laborers	156	.96½	1	156	156	151	151	1.00	151
Gasmen	156	.58	2	48	24	28	14	0.31	91
	156	.72½	2	135	68	97	49	0.87	112
Total	156	.68½	4	183	46	125	31	1.18	107

(a) Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

C.—Cotton Textiles: CONTINENT OF EUROPE—Continued.

ESTABLISHMENT No. 91—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Gatemen	156	$0.19½	1	24	24	$5	$5	0.15	$33
	156	.77	1	185	185	143	143	1.19	121
Total	156	.71	2	209	105	148	74	1.34	110
Laborers	156	.34	1	25	25	8	8	0.16	50
	156	.36½	2	147	74	54	27	0.94	57
	156	.38½	1	20	20	8	8	0.13	62
	156	.40½	1	148	148	60	60	0.95	63
	156	.44½	6	417	70	185	31	2.67	69
	156	.48½	2	330	165	161	81	2.12	76
	156	.56	1	148	148	82	82	0.95	86
	156	.58	21	203	10	118	6	1.30	91
	156	.64½	2	250	125	163	82	1.60	102
	156	.67½	1	156	156	105	105	1.00	105
	156	.75½	1	162	162	122	122	1.04	117
	156	.89½	1	156	156	140	140	1.00	140
Total	156	.56	40	2,162	54	1,206	30	13.86	87
Machinists	156	.32	1	182	182	58	58	1.17	50
	156	.89½	1	199	199	179	179	1.28	140
	156	.93½	1	182	182	171	171	1.17	147
	156	1.06	1	182	182	193	193	1.17	165
Total	156	.80½	4	745	186	601	150	4.79	126
Masons	156	.41½	1	182	182	75	75	1.17	64
	156	.76	1	188	188	147	147	1.21	122
	156	.87	1	119	119	105	105	0.76	138
Total	156	.67	3	489	163	327	109	3.14	104
Overseers	156	.96½	1	156	156	151	151	1.00	151
	156	1.67½	1	156	156	261	261	1.00	261
Total	156	1.32	2	312	156	412	206	2.00	206
Overseers, carding department	156	1.25½	1	156	156	196	196	1.00	196
	156	1.39	1	156	156	217	217	1.00	217
	156	1.69	1	156	156	263	263	1.00	263
Total	156	1.44½	3	468	156	676	225	3.00	225
Overseers, picking department	156	.95	3	141	47	134	45	0.90	148
Overseers, spinning department.	156	1.61	4	624	156	1,004	251	4.00	251
Overseer, spooling department	156	.92½	1	163	163	151	151	1.04	145
Overseers, weaving department.	156	1.44	3	468	156	675	225	3.00	225
Packers	156	.46½	8	939	117	436	55	6.02	72
	156	.56	3	308	103	172	57	1.97	87
	156	.82	3	156	52	128	43	1.00	128
	156	(a)	5	(a)	(a)	397	79	(a)	(a)
Total	156	(b)	19	(b)	(b)	1,133	60	(b)	(b)
Picking-room hands	156	.24	1	148	148	36	36	0.95	38
	156	.29	1	148	148	43	43	0.95	45
	156	.39½	11	846	77	333	30	5.42	61
	156	.48½	1	146	146	71	71	0.94	76
	156	.58	11	541	49	313	28	3.47	90

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

C.—Cotton Textiles: CONTINENT OF EUROPE—Continued.

ESTABLISHMENT No. 91—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Picking-room hands—conc'd	156	$0.61	10	749	75	$459	$46	4.80	$96
	156	.63½	2	249	125	157	79	1.60	98
	156	.67½	3	330	110	221	74	2.12	104
	156	.72½	1	146	146	105	105	0.94	112
Total	156	.52½	41	3,303	81	1,738	42	21.19	82
Piecers	156	.49½	48	5,155	107	2,550	53	33.04	77
	156	.65	27	3,193	118	2,081	77	20.47	102
Total	156	.55½	75	8,348	111	4,631	62	53.51	87
Press hand	156	1.83½	1	156	156	286	286	1.00	286
Pulsometer tender	156	.64½	1	108	108	69	69	0.69	100
Repairers	156	.73½	1	137	137	101	101	0.88	115
	156	.81	1	27	27	22	22	0.17	127
	156	.89	1	26	26	23	23	0.17	138
	156	1.04	1	149	149	155	155	0.96	162
	156	1.45	1	156	156	226	226	1.00	226
Total	156	1.06½	5	495	99	527	105	3.18	166
Roller coverers	156	.24	21	1,652	79	397	19	10.59	37
Second hands	156	.63½	1	162	162	103	103	1.04	99
	156	.89	6	918	153	815	136	5.88	138
Total	156	.85	7	1,080	154	918	131	6.92	133
Shearer	156	.62½	1	25	25	16	16	0.16	100
Slasher tenders	156	1.11	1	70	70	78	78	0.45	174
	156	1.21½	1	169	169	205	205	1.08	189
Total	156	1.18½	2	239	120	283	142	1.53	185
Slasher tenders' helpers	156	.65½	1	153	153	100	100	0.98	102
	156	.72½	1	100	100	72	72	0.64	112
Total	156	.68	2	253	127	172	86	1.62	106
Speeders, coarse	156	.40½	3	365	122	148	49	2.34	63
	156	.42½	4	570	143	242	61	3.65	66
Total	156	.41½	7	935	134	390	56	5.99	65
Speeders, fine	156	.54	43	5,421	126	2,923	68	34.75	84
Speeders, intermediate	156	.34½	3	424	141	151	50	2.72	56
	156	.40½	6	715	119	291	49	4.58	63
	156	.42½	1	145	145	62	62	0.93	67
Total	156	.39½	10	1,284	128	504	50	8.23	61
Spinners, frame	156	.79½	13	1,736	134	1,382	106	11.13	124
Spinners, mule	156	.96½	23	2,907	126	2,810	122	18.63	151
Spoolers	156	(a)	43	(a)	(a)	1,436	33	(a)	(a)
Sweepers	156	.52	2	298	149	156	78	1.91	82
Tallyman	156	.49	1	137	137	67	67	0.88	76
Threaders	156	(a)	5	(a)	(a)	27	5	(a)	(a)
Twisters	156	(a)	3	(a)	(a)	104	35	(a)	(a)
Warpers	156	(a)	7	(a)	(a)	584	83	(a)	(a)
Waste pickers	156	(a)	43	(a)	(a)	331	8	(a)	(a)

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

C.—Cotton Textiles: CONTINENT OF EUROPE—Continued.

ESTABLISHMENT No. 91—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Watchman	156	$0.47½	1	156	156	$74	$74	1.00	$74
Weavers	156	(a)	224	(a)	(a)	16,340	73	(a)	(a)
Weighers	156	.25	2	91	46	24	12	0.58	41
	156	.39½	8	874	109	348	44	5.60	62
Total	156	.38½	10	965	97	372	37	6.18	60
Wood turners	156	.61	1	175	175	107	107	1.12	95
	156	.77	1	166	166	128	128	1.06	120
Total	156	.69	2	341	171	235	118	2.18	108
The establishment	------	(b)	889	(b)	(b)	c53,271	60	(b)	(b)

ESTABLISHMENT No. 92.

Back boys	72	$0.30½	2	142	71	$43	$22	1.97	$22
	72	.34½	25	1,789	72	614	25	24.85	25
Total	72	.34	27	1,931	72	657	24	26.82	24
Card grinders	72	.62	2	151	76	94	47	2.10	45
	72	.66½	3	223	74	149	50	3.10	48
	72	.68½	2	165	83	113	57	2.29	49
Total	72	.66	7	539	77	356	51	7.49	48
Carders	72	.47½	15	1,043	70	499	33	14.49	34
	72	.49½	2	162	81	80	40	2.25	36
	72	.52½	1	76	76	40	40	1.06	38
	72	.54½	1	93	93	50	50	1.29	39
	72	.55½	1	76	76	42	42	1.06	40
	72	.61	1	74	74	46	46	1.03	45
Total	72	.49½	21	1,524	73	757	36	21.18	36
Carpenters	72	.57	2	168	84	96	48	2.33	41
	72	.66½	2	129	65	86	43	1.79	48
	72	.71½	4	329	82	235	59	4.57	51
	72	.76	5	394	79	300	60	5.47	55
	72	.85½	1	87	87	75	75	1.21	62
	72	.95	1	79	79	76	76	1.10	69
Total	72	.73	15	1,186	79	868	58	16.47	53
Cloth-room hands	72	.19	17	1,056	62	202	12	14.67	14
	72	.24	12	804	67	191	16	11.17	17
	72	.36	1	64	64	23	23	0.89	26
Total	72	.21½	30	1,924	64	416	14	26.73	16
Combers	72	.38	1	74	74	28	28	1.03	27
	72	.43	1	74	74	31	31	1.03	30
	72	.76	1	74	74	56	56	1.03	54
	72	.90½	1	72	72	65	65	1.00	65
	72	.95	1	27	27	25	25	0.38	67
Total	72	.64	5	321	64	205	41	4.47	46
Doffers	72	.25	70	4,689	67	1,173	17	65.13	18
Drawers-in	72	(a)	29	(a)	(a)	931	32	(a)	(a)

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.
c This establishment has also spare weavers and winders, but owing to difficulty in obtaining information they cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

C.—Cotton Textiles: CONTINENT OF EUROPE—Continued.

ESTABLISHMENT No. 92—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Drawing-frame tenders	72	$0.27⅓	1	11	11	$3	$3	0.15	$20
	72	.29½	1	22	22	7	7	0.31	23
	72	.35	22	1,493	68	527	24	20.74	25
	72	.36	4	316	79	115	29	4.39	26
Total	72	.35½	28	1,842	66	652	23	25.59	25
Engineers	72	.76	1	71	71	54	54	0.99	55
	72	.81	3	269	90	218	73	3.74	58
	72	.85½	1	90	90	78	78	1.25	62
Total	72	.81⅓	5	430	86	350	70	5.98	59
Firemen	72	.52½	2	150	75	79	40	2.08	38
	72	.57	3	233	78	132	44	3.24	41
	72	.68⅓	6	455	76	312	52	6.32	49
	72	.74½	1	97	97	72	72	1.35	53
Total	72	.63½	12	935	78	595	50	12.99	46
Foremen	72	.84½	11	798	73	676	61	11.08	61
	72	.96	8	580	73	558	70	8.06	69
Total	72	.89½	19	1,378	73	1,234	65	19.14	64
Gatemen	84	.57	2	162	81	93	47	1.93	48
	84	.64½	1	84	84	54	54	1.00	54
Total	84	.60	3	246	82	147	49	2.93	50
Handers-in	72	.33½	1	71	71	24	24	0.99	24
	72	.43	1	71	71	30	30	0.99	30
	72	.52½	1	68	68	35	35	0.94	37
	72	.57	3	213	71	121	40	2.96	41
	72	.71½	3	203	68	145	48	2.82	51
	72	.76	2	144	72	113	57	2.00	57
Total	72	.61	11	770	70	468	43	10.70	44
Harness hands	72	(a)	3	(a)	(a)	90	30	(a)	(a)
Laborers	72	.32	4	288	72	92	23	4.00	23
	72	.57½	25	1,915	77	1,102	44	26.60	41
	72	.86	6	428	71	369	62	5.94	62
Total	72	.59½	35	2,631	75	1,563	45	36.54	43
Machinists	72	.63	17	1,213	71	766	45	16.85	45
	72	.84	12	911	76	763	64	12.65	60
Total	72	.72	29	2,124	73	1,529	53	29.50	52
Machinists' apprentices	72	.09⅓	2	142	71	13	7	1.97	7
	72	.38	1	67	67	25	25	0.93	27
Total	72	.18	3	209	70	38	13	2.90	13
Masons	72	.71	6	589	98	419	70	8.18	51
Masons' helpers	72	.45	3	282	94	127	42	3.92	32
Measurers	72	.19	1	72	72	14	14	1.00	14
	72	.24	1	72	72	17	17	1.00	17
	72	.47½	1	72	72	34	34	1.00	34
	72	.62	1	75	75	47	47	1.04	45
	72	.66½	1	72	72	48	48	1.00	48

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

C.—Cotton Textiles: CONTINENT OF EUROPE—Continued.

ESTABLISHMENT No. 92—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Measurers—concluded	72	$0.71½	1	72	72	$51	$51	1.00	$51
	72	.76	1	72	72	55	55	1.00	55
Total	72	.52½	7	507	72	266	38	7.04	38
Oilers	72	.62½	8	642	80	400	50	8.92	45
Overseers, carding department	72	1.00½	2	139	70	140	70	1.93	73
Overseer, picking department	72	1.13	1	70	70	79	79	0.97	81
Overseers, spinning department.	72	.91½	1	70	70	64	64	0.97	66
	72	1.34½	3	204	68	274	91	2.83	97
Total	72	1.23½	4	274	69	338	85	3.80	89
Overseer, spooling department	72	.96	1	72	72	69	69	1.00	69
Overseers, weaving department.	72	.98½	4	292	73	287	72	4.06	71
Packers	72	.66½	2		82	109	55	2.28	48
	72	.85	6	483	81	411	69	6.71	61
Total	72	.80½	8	647	81	520	65	8.99	58
Picking-room hands	72	.27½	25	1,675	67	460	18	23.26	20
	72	.52½	9	698	78	365	41	9.69	38
	72	.76½	1	76	76	58	58	1.06	55
	72	.91	1	76	76	69	69	1.06	65
Total	72	.37½	36	2,525	70	952	26	35.07	27
Piecers	72	(a)	30	(a)	(a)	1,039	35	(a)	(a)
Roller coverers	72	.45½	1	76	76	35	35	1.06	33
	72	.47½	2	150	75	72	36	2.08	35
	72	.85½	1	76	76	65	65	1.06	62
Total	72	.57	4	302	76	172	43	4.20	41
Second hands	72	.62½	16	1,181	74	736	46	16.40	45
Slasher tenders	72	.55	2	144	72	79	40	2.00	40
	72	.57	1	77	77	44	44	1.07	41
	72	.62	1	78	78	48	48	1.08	44
	72	.71½	3	215	72	150	50	2.99	50
	72	.81	5	393	79	318	64	5.46	58
	72	.85½	1	72	72	62	62	1.00	62
	72	1.00	1	72	72	72	72	1.00	72
	72	1.03	1	72	72	74	74	1.00	74
Total	72	.75½	15	1,123	75	847	56	15.60	54
Speeders	72	(a)	51	(a)	(a)	1,675	33	(a)	(a)
Spinners, frame	72	(a)	15	(a)	(a)	443	30	(a)	(a)
Spinners, mule	72	(a)	27	(a)	(a)	1,513	56	(a)	(a)
Spoolers	72	(a)	74	(a)	(a)	1,823	25	(a)	(a)
Twisters	72	(a)	7	(a)	(a)	213	30	(a)	(a)
Warehousemen	72	.33½	1	77	77	24	24	1.07	22
	72	.38	2	138	69	51	26	1.92	27
	72	.47½	1	71	71	34	34	0.99	34
	72	.49½	1	70	70	35	35	0.97	36
	72	.52½	4	292	73	153	38	4.06	38
	72	.55	2	140	70	77	39	1.94	40
	72	.57	8	566	71	324	41	7.86	41
	72	.61	1	81	81	49	49	1.13	44
	72	.66½	4	284	71	187	47	3.94	47
Total	72	.54½	24	1,719	72	934	39	23.88	39

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

C.—Cotton Textiles: CONTINENT OF EUROPE—Continued.

ESTABLISHMENT No. 92—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Warpers	72	(a)	11	(a)	(a)	$499	$45	(a)	(a)
Watchmen	84	$0.47½	7	498	71	236	34	5.93	$40
Weavers	72	.35½	187	12,845	69	4,547	24	178.40	25
	72	.50½	202	13,958	69	7,033	35	193.86	36
Total	72	.43	389	26,803	69	11,580	30	372.26	31
The establishment	-------	(b)	1,102	(b)	(b)	37,336	34	(b)	(b)

ESTABLISHMENT No. 93.

Cloth inspectors	313	$0.53	2	626	313	$331	$166	2.00	$166
Finishers	313	.36⅓	3	613	204	225	75	1.96	115
Fireman	313	.71	1	313	313	223	223	1.00	223
Laborers	313	.31½	3	643	214	203	68	2.05	99
Overseers	313	.68½	1	313	313	214	214	1.00	214
	313	1.04	3	939	313	978	326	3.00	326
Total	313	.95	4	1,252	313	1,192	298	4.00	298
Packers	313	.55½	3	939	313	519	173	3.00	173
Spoolers	313	.22½	15	3,082	205	697	46	9.85	71
Warpers	313	.47½	2	626	313	296	148	2.00	148
Weavers	313	.38	30	7,159	239	2,720	91	22.87	119
	313	.51½	32	9,608	300	4,926	154	30.70	160
Total	313	.45½	62	16,767	270	7,646	123	53.57	143
Yarn inspectors	313	.17	2	626	313	106	53	2.00	53
The establishment	-------	.45	97	25,487	263	11,438	118	81.43	140

ESTABLISHMENT No.—.

[No statement of cost of production for this establishment is shown in Table I.]

Back boys	313	$0.32½	152	30,070	198	$9,789	$64	96.07	$102
Blacksmiths	313	.54½	1	241	241	132	132	0.77	171
	313	.69	1	337	337	233	233	1.08	216
	313	.71⅓	2	661	331	472	236	2.11	224
Total	313	.67½	4	1,239	310	837	209	3.96	211
Bobbin boys	313	.50	1	296	296	146	146	0.95	154
	313	.53½	2	406	203	217	109	1.30	167
Total	313	.51½	3	702	234	363	121	2.25	162
Box maker	313	.47½	1	86	86	41	41	0.27	149
Card grinders	313	.51	20	6,009	300	3,066	153	19.20	160
Carders	313	.36	39	5,862	150	2,098	54	18.73	112
Carpenters	313	.63	8	2,441	305	1,541	193	7.80	198
Cleaners	313	.34½	1	302	302	104	104	0.96	108
	313	.37	1	281	281	103	103	0.90	115
	313	.43½	2	677	339	295	148	2.16	136
Total	313	.40	4	1,260	315	502	126	4.02	125

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

C.—Cotton Textiles: CONTINENT OF EUROPE—Continued.

ESTABLISHMENT No. — —Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Cloth carriers	313	$0.60	3	506	169	$304	$101	1.62	$188
Cloth inspectors	313	.84	4	1,196	299	1,005	251	3.82	263
Cloth-room hands	313	.57½	2	588	294	337	169	1.88	179
Drawers-in	313	.40	31	7,313	236	2,915	94	23.36	125
	313	.52½	11	3,237	294	1,705	155	10.34	165
Total	313	.44	42	10,550	251	4,620	110	33.70	137
Engineers	313	.55	4	1,240	310	685	171	3.96	173
Firemen	313	.60½	4	1,265	316	764	191	4.04	189
Foremen	313	.92½	3	829	276	765	255	2.65	289
	313	1.20½	2	604	302	728	364	1.93	377
Total	313	1.04	5	1,433	287	1,493	299	4.58	326
Foreman, carpenters	313	.78½	1	374	374	294	294	1.19	246
Harness hands	313	.41	6	1,181	197	483	81	3.77	128
	313	.66½	1	397	397	265	265	1.27	209
Total	313	.47½	7	1,578	225	748	107	5.04	148
Laborers	313	.43	75	10,976	146	4,699	63	35.07	134
	313	.54	32	9,647	301	5,222	163	30.82	169
Total	313	.48	107	20,623	193	9,921	93	65.89	151
Machinists	313	.78½	7	1,523	218	1,196	171	4.87	246
Machinists' helper	313	.57	1	404	404	230	230	1.29	178
Masons	313	.70½	3	881	294	619	206	2.81	220
Measurers	313	.48	3	847	282	408	136	2.71	151
Oilers	313	.50½	11	3,728	339	1,884	171	11.91	158
Overseer	313	1.90½	1	250	250	476	476	0.80	596
Overseers, carding department	313	.71½	1	370	370	264	264	1.18	223
	313	1.03	1	359	359	369	369	1.15	322
Total	313	.87	2	729	365	633	317	2.33	272
Overseer, cloth room	313	.74	1	301	301	223	223	0.96	232
Overseers, picking department	313	.66	1	393	393	259	259	1.26	206
	313	.71½	1	435	435	310	310	1.39	223
Total	313	.68½	2	828	414	569	285	2.65	215
Overseers, spinning department.	313	1.02	4	1,056	264	1,076	269	3.37	319
Overseers, spooling department	313	.73	2	636	318	463	232	2.03	228
Overseer, weaving department	313	2.09½	1	300	300	628	628	0.96	655
Packer	313	.61½	1	215	215	132	132	0.69	192
Painter	313	.58	1	320	320	186	186	1.02	182
Picking-room hands	313	.39½	22	7,208	328	2,850	130	23.03	124
Piecers	313	.46	95	15,454	163	7,136	75	49.37	145
Plumber	313	.77	1	82	82	63	63	0.26	240
Roller coverer	313	.77½	1	347	347	269	269	1.11	243
Second hands	313	.82½	9	2,288	254	1,889	210	7.31	258
	313	1.06½	4	1,182	296	1,261	315	3.78	334
	313	1.28	13	3,813	293	4,885	376	12.18	401
	313	1.47	1	301	301	443	443	0.96	461
Total	313	1.12	27	7,584	281	8,478	314	24.23	350

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

C.—Cotton Textiles: CONTINENT OF EUROPE—Concluded.

ESTABLISHMENT No. — —Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Slasher tenders	313	$0.74½	7	2,004	286	$1,493	$213	6.40	$233
Slasher tender, head	313	.83½	1	319	319	268	268	1.02	263
Slasher tenders' helpers	313	.63½	4	864	216	549	137	2.76	199
Speeders	313	.45	72	22,274	309	10,009	139	71.16	141
Spinners, frame	313	.45	3	851	284	384	128	2.72	141
Spinners, mule	313	.73½	41	10,219	249	7,519	183	32.65	230
Spoolers	313	.30½	169	28,736	170	8,783	52	91.81	96
	313	.45½	14	4,022	287	1,826	130	12.85	142
Total	313	.32½	183	32,758	179	10,609	58	104.66	101
Stamper	313	.47½	1	345	345	165	165	1.10	150
Sweepers	313	.35½	5	1,345	269	479	96	4.30	111
Teamsters	313	.55½	3	704	235	391	130	2.25	174
Twister	313	.37	1	298	298	110	110	0.95	116
Warehouseman	313	1.04½	1	300	300	314	314	0.96	328
Warpers	313	.59½	17	3,982	234	2,362	139	12.72	186
	313	.78½	3	902	301	709	236	2.88	246
Total	313	.63	20	4,884	244	3,071	154	15.60	197
Watchmen	365	.49½	4	1,470	368	727	182	4.03	181
Weavers	313	.42½	278	31,916	115	13,624	49	101.97	134
	313	.52	583	154,597	265	80,351	138	493.92	163
	313	.75½	7	2,074	296	1,564	223	6.63	236
Total	313	.50½	868	188,587	217	95,539	110	602.52	159
Wood turners	313	.68½	3	711	237	488	163	2.27	215
The establishment	.....	.50	1,813	397,648	219	198,042	109	1,269.77	156

D.—Cotton Textiles: GREAT BRITAIN.

ESTABLISHMENT No. 72.

Cloth carrier	156	$0.20½	1	153	153	$31	$31	0.98	$32
Cloth inspectors	156	1.01½	1	150	150	152	152	0.96	158
	156	1.21½	1	156	156	190	190	1.00	190
Total	156	1.12	2	306	153	342	171	1.96	174
Drawers-in	156	(a)	3	(a)	(a)	240	80	(a)	(a)
Engineer	156	1.32	1	170	170	224	224	1.09	206
Fireman	156	.85½	1	175	175	149	149	1.12	133
Loom fixers	156	1.33	7	1,065	152	1,415	202	6.83	207
Machinists	156	1.05½	1	168	168	178	178	1.08	165
	156	1.38	1	156	156	215	215	1.00	215
Total	156	1.21½	2	324	162	393	197	2.08	189
Slasher tenders	156	1.21½	3	447	149	546	182	2.87	191
Slasher tenders' helper	156	.36½	1	153	153	56	56	0.98	57
Teamsters	156	.89	1	156	156	139	139	1.00	139
	156	.97½	1	156	156	152	152	1.00	152
Total	156	.93½	2	312	156	291	146	2.00	146

(a) Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

D.—Cotton Textiles: GREAT BRITAIN—Continued.

ESTABLISHMENT No. 72—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Twisters	156	(a)	6	(a)	(a)	$602	$100	(a)	(a)
Warehousemen	156	$0.93½	1	150	150	140	140	0.96	$146
	156	.97½	1	152	152	148	148	0.97	152
Total	156	.95½	2	302	151	288	144	1.93	149
Warehousemen's helpers	156	.20½	2	306	153	62	31	1.96	32
Warpers	156	(a)	7	(a)	(a)	690	99	(a)	(a)
Weavers	156	.51½	62	9,425	152	4,875	79	60.42	81
	156	.80	128	19,464	152	15,568	122	124.77	125
	156	.87½	3	456	152	400	133	2.92	137
Total	156	.71	193	29,345	152	20,843	108	188.11	111
Winders	156	(a)	28	(a)	(a)	1,806	65	(a)	(a)
Yarn inspector	156	1.21½	1	150	150	182	182	0.96	180
Yarn inspector's helper	156	.32½	1	146	146	47	47	0.94	50
The establishment		(b)	263	(b)	(b)	c 28,207	107	(b)	(b)

ESTABLISHMENT No. 75.

Blacksmith	78	$1.21½	1	43	43	$52	$52	0.55	$94
Blacksmith's helper	78	.65	1	41	41	27	27	0.53	51
Bobbin boys	78	.57	1	74	74	42	42	0.95	44
	78	.71½	1	73	73	52	52	0.94	56
Total	78	.64	2	147	74	94	47	1.89	50
Card grinders	78	.73	2	137	69	100	50	1.76	57
Card grinders and card strippers.	78	.89½	4	292	73	261	65	3.74	70
Card stripper	78	.81	1	78	78	63	63	1.00	63
Cloth hookers	78	.20½	3	221	74	45	15	2.83	16
	78	.24½	1	77	77	19	19	0.99	19
Total	78	.21½	4	298	75	64	16	3.82	17
Cloth inspectors	78	.89	1	78	78	70	70	1.00	70
	78	.97½	2	156	78	152	76	2.00	76
	78	1.13½	1	78	78	89	89	1.00	89
Total	78	.90½	4	312	78	311	78	4.00	78
Doffers	78	.23	16	1,204	75	277	17	15.44	18
	78	.24½	2	78	39	19	10	1.00	19
	78	.25½	3	115	38	30	10	1.47	20
	78	.27½	3	111	37	31	10	1.42	22
	78	.32½	9	639	71	207	23	8.19	25
	78	.34½	7	499	71	172	25	6.40	27
	78	.43½	1	72	72	31	31	0.92	34
	78	.45½	2	144	72	65	33	1.85	35
Total	78	.29	43	2,862	67	832	19	36.69	23

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.
c The earnings here shown are for six months. The statement for this establishment on page 31 is for three months only.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued

D.—Cotton Textiles: GREAT BRITAIN—Continued.

ESTABLISHMENT No. 75—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Doffers, head	78	$0.64½	2	144	72	$93	$47	1.85	$50
Drawers-in	78	.93½	2	154	77	144	72	1.97	73
Drawing-frame tenders	78	.71	10	694	69	493	49	8.90	55
Elevator hand	78	.74½	1	87	87	65	65	1.12	58
Engineers	78	1.31	1	78	78	102	102	1.00	102
	78	1.82½	1	78	78	142	142	1.00	142
Total	78	1.56½	2	156	78	244	122	2.00	122
Engineers' helper	78	.65	1	97	97	63	63	1.24	51
Filling carrier	78	.48½	1	89	89	43	43	1.14	38
Firemen	78	.91½	2	174	87	159	80	2.23	71
Gateman and roller coverer	78	1.13½	1	78	78	89	89	1.00	89
Handers-in	78	.20½	2	154	77	31	16	1.97	16
Laborers	78	.20½	1	48	48	10	10	0.62	16
	78	.40½	2	149	75	60	30	1.91	31
	78	.61	2	155	78	96	48	1.99	48
	78	.65	2	140	70	90	45	1.79	50
	78	.81	1	82	82	66	66	1.05	63
Total	78	.56	8	574	72	322	40	7.36	44
Loom fixers	78	1.62½	9	647	72	1,050	117	8.29	127
Machinist	78	1.30	1	89	89	115	115	1.14	101
Machinist's apprentice	78	.08	1	51	51	4	4	0.65	6
Machinist's helper	78	.57	1	82	82	46	46	1.05	44
Oiler	78	.83½	1	97	97	81	81	1.24	65
Overseer, carding department	78	1.62	1	78	78	127	127	1.00	127
Overseer, picking department	78	.85	1	79	79	67	67	1.01	66
Overseer, spinning department	78	2.43½	1	78	78	190	190	1.00	190
Overseer, spooling department	78	.97½	1	78	78	76	76	1.00	76
Overseer, weaving department	78	2.03	1	78	78	158	158	1.00	158
Picking-room hands	78	.38½	1	76	76	29	29	0.97	30
	78	.46½	1	72	72	33	33	0.92	36
	78	.48½	1	76	76	37	37	0.97	38
	78	.50½	2	148	74	75	38	1.90	40
Total	78	.47	5	372	74	174	35	4.76	36
Piecers	78	.57	13	924	71	525	40	11.85	44
	78	(a)	2	(a)	(a)	70	35	(a)	(a)
Total	78	(b)	15	(b)	(b)	595	40	(b)	(b)
Roving carriers	78	.32½	13	924	71	300	23	11.85	25
	78	(a)	2	(a)	(a)	59	30	(a)	(a)
Total	78	(b)	15	(b)	(b)	359	24	(b)	(b)
Second hands	78	.65	1	83	83	54	54	1.06	51
	78	.81	1	83	83	67	67	1.06	63
	78	1.02½	1	82	82	84	84	1.05	80
	78	1.05½	1	78	78	82	82	1.00	82
Total	78	.88	4	326	82	287	72	4.17	69
Slasher tenders	78	1.38	1	76	76	105	105	0.97	108
	78	1.62	1	76	76	123	123	0.97	126
Total	78	1.50	2	152	76	228	114	1.94	117

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

D.—Cotton Textiles: GREAT BRITAIN—Concluded.

ESTABLISHMENT No. 75—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Slasher tenders' helpers	78	$0.57	1	87	87	$49	$49	1.12	$44
	78	.73	1	90	90	66	66	1.15	57
Total	78	.65	2	177	89	115	58	2.27	51
Speeders, coarse	78	.77	5	347	69	267	53	4.45	60
Speeders, fine	78	.69	15	994	66	686	46	12.74	54
Speeders, intermediate	78	.69	7	481	69	332	47	6.17	54
Spinners, frame	78	.61	56	2,943	53	1,790	32	37.73	47
Spinners, mule	78	1.38	13	924	71	1,274	98	11.85	108
Twisters	78	.81	7	445	64	361	52	5.71	63
Warehouseman	78	.78	1	82	82	64	64	1.05	61
Warpers	78	.73	8	584	73	426	53	7.49	57
Watchman	91	.59	1	91	91	54	54	1.00	54
Weavers and weavers' helpers	78	(a)	(a)	(a)	(a)	13,981	(a)	(a)	(a)
Winders	78	.40½	43	3,098	72	1,256	29	39.72	32
Yarn bundler	78	.57	1	76	76	43	43	0.97	44
The establishment	-------	(b)	(b)	(b)	(b)	c 27,756	(b)	(b)	(b)

E.—Cotton Yarns: NORTHERN DISTRICT OF THE UNITED STATES.

ESTABLISHMENT No. 1.

Band boy	78	$0.60	1	77	77	$46	$46	0.99	$47
Bobbin boys	78	.50	2	150	75	75	38	1.92	39
Card grinders	78	1.45	7	496	71	719	103	6.36	113
Card strippers	78	1.10	3	227	76	250	83	2.91	86
	78	1.25	4	313	78	391	98	4.01	97
Total	78	1.18½	7	540	77	641	92	6.92	93
Carpenter	78	2.50	1	77	77	193	193	0.99	196
Cleaner	78	.33½	1	78	78	26	26	1.00	26
Doffers	78	.70	2	90	45	62	31	1.15	54
	78	.85	1	54	54	46	46	0.69	66
	78	1.05	2	156	78	159	80	2.00	80
	78	1.15	1	78	78	90	90	1.00	90
	78	1.25	2	101	51	124	62	1.29	96
Total	78	1.00	8	479	60	481	60	6.13	78
Drawing-frame tenders	78	.75	10	710	71	538	54	9.10	59
Engineer	78	2.50	1	81	81	203	203	1.04	195
Fireman	78	1.75	1	77	77	136	136	0.99	138
Foreman, packers	78	1.75	1	70	70	122	122	0.90	136
Gateman	78	.50	1	78	78	39	39	1.00	39
Laborers	78	1.25	7	477	68	596	85	6.12	97
	78	1.35	1	78	78	106	106	1.00	106
Total	78	1.26½	8	555	69	702	88	7.12	99
Machinists	78	1.75	1	78	78	137	137	1.00	137
	78	2.00	1	78	78	155	155	1.00	155
Total	78	1.87	2	156	78	292	146	2.00	146

a Paid by the quantity. The daily rate of pay, the different employés, and the days of work done cannot be given.

b No total can be made for the reason shown in the preceding footnote.

c The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

E.—Cotton Yarns: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 1—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Oilers	78	$1.10	1	77	77	$84	$84	0.99	$85
	78	1.25	1	91	91	118	118	1.17	101
Total	78	1.20	2	168	84	202	101	2.16	94
Overseer, carding department	78	4.00	1	77	77	310	310	0.99	314
Overseer, spinning department	78	4.00	1	78	78	312	312	1.00	312
Packers	78	.70	1	44	44	31	31	0.56	55
	78	.75	1	68	68	51	51	0.87	59
	78	1.00	2	61	31	61	31	0.78	78
	78	1.10	2	155	78	170	85	1.99	86
	78	1.50	1	76	76	115	115	0.97	118
Total	78	1.06	7	404	58	428	61	5.17	83
Picking-room hands	78	1.10	7	469	67	517	74	6.01	86
	78	1.25	4	252	63	315	79	3.23	98
Total	78	1.15½	11	721	66	832	76	9.24	90
Piecers	78	.40	2	61	31	24	12	0.78	31
	78	.45	2	93	47	42	21	1.19	35
	78	.50	14	657	47	327	23	8.42	39
	78	.55	4	177	44	96	24	2.27	42
	78	.60	19	1,329	70	797	42	17.04	47
Total	78	.55½	41	2,317	57	1,286	31	29.70	43
Reelers	78	.61½	3	106	35	65	22	1.36	48
	78	.78	16	1,112	70	865	54	14.26	61
	78	.99	11	765	70	758	69	9.81	77
	78	1.37½	1	77	77	106	106	0.99	107
Total	78	.87	31	2,060	66	1,794	58	26.42	68
Scrubber	78	1.00	1	76	76	76	76	0.97	78
Second hands	78	2.00	1	78	78	155	155	1.00	155
	78	2.20	3	235	78	517	172	3.01	172
Total	78	2.14½	4	313	78	672	168	4.01	167
Speeders, coarse	78	1.18	8	561	70	663	83	7.19	92
Speeders, fine	78	.95	7	489	70	464	66	6.27	74
	78	1.26	17	1,028	60	1,295	76	13.18	98
	78	1.39½	5	277	55	387	77	3.55	109
Total	78	1.19½	29	1,794	62	2,146	74	23.00	93
Speeders, intermediate	78	.92	3	207	69	190	63	2.65	72
	78	1.21½	8	569	71	691	86	7.29	95
Total	78	1.13½	11	776	71	881	80	9.94	89
Spinners, mule	78	1.99½	22	1,603	73	3,196	145	20.55	156
	78	2.37	1	57	57	135	135	0.73	185
Total	78	2.00½	23	1,660	72	3,331	145	21.28	157
Spoolers	78	.75	1	77	77	56	56	0.99	57
	78	.90	2	152	76	137	69	1.95	70
Total	78	.84½	3	229	76	193	64	2.94	66

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

E.—Cotton Yarns: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 1—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Third hand	78	$1.40	1	78	78	$109	$109	1.00	$109
Tubers	78	.45	13	505	39	227	17	6.47	35
Twisters	78	.50	1	8	8	4	4	0.10	39
	78	.70	5	252	50	177	35	3.23	55
	78	.75	1	77	77	58	58	0.99	59
Total	78	.71	7	337	48	239	34	4.32	55
Waste pickers	78	.50	1	72	72	36	36	0.92	39
	78	.75	2	60	30	47	24	0.77	61
Total	78	.63	3	132	44	83	28	1.69	49
Watchmen	91	1.25	1	87	87	109	109	0.96	114
	91	1.65	1	91	91	150	150	1.00	150
Total	91	1.45½	2	178	89	259	130	1.96	132
Winders	78	.60	16	537	34	322	20	6.88	47
Yarn inspectors	78	.90	1	78	78	70	70	1.00	70
	78	1.00	1	77	77	77	77	0.99	78
Total	78	.95	2	155	78	147	74	1.99	74
The establishment		1.11½	268	16,780	63	a 18,725	70	214.78	87

ESTABLISHMENT No. —.

[No statement of cost of production for this establishment is shown in Table II.]

Band boys	156	$0.60	1	5	5	$3	$3	0.03	$94
	156	.75	2	241	121	180	90	1.54	117
	156	.90	2	109	55	99	50	0.70	142
Total	156	.79½	5	355	71	282	56	2.27	124
Card grinders	156	1.50	2	164	82	245	123	1.05	233
Card strippers	156	1.00	15	1,348	90	1,351	90	8.64	156
Cleaners	156	.55	5	311	62	176	35	1.99	88
	156	.60	5	94	19	57	11	0.60	95
	156	.65	2	61	31	39	20	0.39	100
	156	.70	1	75	75	53	53	0.48	110
Total	156	.60	13	541	42	325	25	3.46	94
Doffers	156	.55	5	227	45	125	25	1.46	86
	156	.60	8	548	69	333	42	3.51	95
	156	.65	7	858	123	557	80	5.50	101
	156	.72½	3	341	114	247	82	2.19	113
	156	.80	13	955	73	762	59	6.12	124
	156	.85	3	141	47	121	40	0.90	134
	156	.87½	1	138	138	120	120	0.88	136
	156	.90	5	541	108	489	98	3.47	141
	156	1.00	3	233	78	238	79	1.49	159
Total	156	.75	48	3,982	83	2,952	62	25.52	117
Drawing-frame tenders	156	.70	3	24	8	17	6	0.15	111
	156	.75	2	212	106	162	81	1.36	119
	156	.80	18	1,545	86	1,233	69	9.90	124

a The earnings here shown are for thirteen weeks only. The statement for this establishment on page 129 is for fifteen months.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

E.—Cotton Yarns: NORTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No.— —Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Drawing-frame tenders—concluded.	156	$0.90	1	60	60	$54	$54	0.38	$140
	156	1.00	1	151	151	151	151	0.97	156
	156	1.12½	2	283	142	324	162	1.81	179
Total	156	.85½	27	2,275	84	1,941	72	14.57	133
Elevator hands	156	1.00	4	278	70	278	70	1.78	156
	156	1.13½	1	37	37	42	42	0.24	177
Total	156	1.01½	5	315	63	320	64	2.02	158
Laborers	156	1.10	1	22	22	24	24	0.14	170
	156	1.25	4	468	117	586	147	3.00	195
	156	1.50	7	579	83	866	124	3.71	233
Total	156	1.38	12	1,069	89	1,476	123	6.85	215
Oilers	156	.55	1	20	20	11	11	0.13	86
	156	.75	2	151	76	113	57	0.97	117
	156	.85	1	150	150	125	125	0.96	130
	156	.90	1	53	53	47	47	0.34	138
	156	1.00	1	129	129	129	129	0.83	156
Total	156	.84½	6	503	84	425	71	3.23	132
Overseer, carding department	156	4.00	1	156	156	624	624	1.00	624
Overseer, spinning department	156	4.00	1	156	156	624	624	1.00	624
Picking-room hands	156	.80	1	124	124	104	104	0.79	131
	156	1.00	22	1,347	61	1,345	61	8.63	156
	156	1.45	1	156	156	227	227	1.00	227
Total	156	1.03	24	1,627	68	1,676	70	10.42	161
Roving carriers	156	.65	2	69	35	46	23	0.44	104
	156	.70	2	211	106	148	74	1.35	109
	156	.80	1	6	6	5	5	0.04	130
	156	.85	1	49	49	43	43	0.31	137
	156	1.00	4	313	78	313	78	2.01	156
Total	156	.85½	10	648	65	555	56	4.15	134
Scrubbers	156	.60	1	82	82	47	47	0.53	89
	156	.80	1	147	147	121	121	0.94	128
	156	1.00	1	148	148	148	148	0.95	156
Total	156	.84	3	377	126	316	105	2.42	131
Second hand	156	2.10	1	152	152	320	320	0.97	328
Speeders, coarse	156	1.00	7	441	63	446	64	2.83	158
	156	1.20	3	195	65	231	77	1.25	185
Total	156	1.06½	10	636	64	677	68	4.08	166
Speeders, fine	156	.96½	20	1,413	71	1,367	68	9.06	151
	156	1.10½	13	1,008	78	1,115	86	6.46	173
Total	156	1.02½	33	2,421	73	2,482	75	15.52	160
Speeders, intermediate	156	1.04	9	892	99	927	103	5.72	162
	156	1.30	7	681	97	886	127	4.37	203
Total	156	1.15½	16	1,573	98	1,813	113	10.09	180

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

E.—Cotton Yarns: NORTHERN DISTRICT OF THE UNITED STATES—Concluded.

ESTABLISHMENT No. ——Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Spinners, frame	156	$0.63½	4	82	21	$52	$13	0.53	$99
	156	.86	25	1,720	69	1,476	59	11.03	134
	156	1.03	48	4,273	89	4,394	92	27.39	160
Total	156	.97½	77	6,075	79	5,922	77	38.95	152
Spoolers	156	.62½	6	231	39	144	24	1.48	97
	156	.89½	34	2,655	78	2,381	70	17.02	140
	156	1.03	12	1,090	91	1,121	93	6.99	160
Total	156	.91½	52	3,976	76	3,646	70	25.49	143
Sweepers	156	.55	1	23	23	13	13	0.15	88
	156	.60	1	22	22	13	13	0.14	92
Total	156	.58	2	45	23	26	13	0.29	90
Third hands	156	2.00	2	303	152	606	303	1.94	312
	156	2.25	1	147	147	331	331	0.94	351
Total	156	2.08	3	450	150	937	312	2.88	325
Warpers	156	1.00½	7	312	45	313	45	2.00	157
	156	1.20½	9	950	106	1,143	127	6.09	188
Total	156	1.15½	16	1,262	79	1,456	91	8.09	180
Watchmen	182	1.80	2	366	183	659	330	2.01	328
Yarn hands	156	.60	1	18	18	11	11	0.12	95
	156	.85	3	109	36	94	31	0.70	135
Total	156	.82½	4	127	32	105	26	0.82	129
The establishment		1.02	388	30,599	79	31,195	80	195.79	159

F.—Cotton Yarns: SOUTHERN DISTRICT OF THE UNITED STATES.

ESTABLISHMENT No. **9.**

Band boys	313	$0.22½	2	49	25	$11	$6	0.16	$70
	313	.50	1	30	30	15	15	0.10	157
Total	313	.33	3	79	26	26	9	0.26	103
Card grinders	313	.86	2	253	127	217	109	0.81	268
	313	1.06½	7	699	100	744	106	2.23	333
Total	313	1.01	9	952	106	961	107	3.04	316
Card strippers	313	.71½	17	644	38	460	27	2.06	224
	313	.87½	3	403	134	352	117	1.29	273
Total	313	.77½	20	1,047	52	812	41	3.35	243
Doffers	313	.39	63	5,733	91	2,250	36	18.32	123
	313	.59½	14	831	59	495	35	2.65	186
Total	313	.42	77	6,564	85	2,745	36	20.97	131
Drawing-frame tenders	313	.63½	28	751	27	478	17	2.40	199
Engineer	313	2.50	1	322	322	806	806	1.03	783
Fireman	313	1.00	1	326	326	326	326	1.04	313
Laborers	313	.77½	4	950	238	736	184	3.04	242

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

F.—Cotton Yarns: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 9—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Masons	313	$1.29½	2	17	9	$22	$11	0.05	$405
	313	1.63½	1	11	11	18	18	0.04	512
	313	1.90	1	11	11	21	21	0.04	598
	313	2.50	1	4	4	10	10	0.01	783
Total	313	1.65	5	43	9	71	14	0.14	517
Oilers	313	.67	10	268	27	180	18	0.86	210
Overseer, carding department	313	3.00	1	173	173	519	519	0.55	939
Overseer, spinning department	313	2.60	1	281	281	729	729	0.90	812
Picking-room hands	313	.89	5	863	173	770	154	2.76	279
Railway hands	313	.53½	2	202	101	108	54	0.65	167
Reelers	313	.76½	13	1,199	92	919	71	3.83	240
	313	1.08	2	209	105	226	113	0.67	338
Total	313	.81½	15	1,408	94	1,145	76	4.50	255
Roving carriers	313	.65½	2	399	200	261	131	1.27	205
Second hands	313	.75	1	161	161	120	120	0.51	233
	313	1.04½	6	445	74	466	78	1.42	328
	313	1.25	1	111	111	138	138	0.35	389
	313	2.00	1	106	106	212	212	0.34	626
	313	3.00	1	122	122	368	368	0.39	944
Total	313	1.38	10	945	95	1,304	130	3.01	432
Speeders	313	.62½	21	879	42	549	26	2.81	195
	313	.77½	9	1,360	151	1,051	117	4.35	242
Total	313	.71½	30	2,239	75	1,600	53	7.16	224
Spinners	313	.29	48	3,427	71	1,002	21	10.95	92
	313	.48	18	1,426	79	685	38	4.56	150
	313	.70½	6	667	111	469	78	2.13	220
Total	313	.39	72	5,520	77	2,156	30	17.64	122
Spoolers	313	.43½	25	1,470	59	710	28	4.70	151
	313	.60	39	4,354	112	2,616	67	13.91	188
Total	313	.57	64	5,824	91	3,326	52	18.61	179
Sweepers	313	.53½	13	748	58	400	31	2.39	167
Teamster	313	.83⅓	1	319	319	266	266	1.02	261
Twisters	313	.56	13	1,487	114	832	64	4.75	175
	313	.83½	10	977	98	815	82	3.12	261
Total	313	.67	23	2,464	107	1,647	72	7.87	209
Warpers	313	.63	2	149	75	94	47	0.48	197
	313	.99½	3	641	214	637	212	2.05	311
	313	1.15	1	27	27	31	31	0.09	359
Total	313	.93½	6	817	136	762	127	2.62	292
Watchmen	365	1.00	3	417	139	417	139	1.14	365
The establishment	.....	.66½	406	33,921	84	22,551	56	108.22	208

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

F.—Cotton Yarns: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 10.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Balers	156	$0.75	1	129	129	$97	$97	0.83	$117
	156	.94	2	132	66	124	62	0.85	147
Total	156	.84½	3	261	87	221	74	1.68	132
Card grinders	156	1.04½	2	89	45	93	47	0.57	163
	156	1.10	6	223	37	245	41	1.43	171
Total	156	1.08½	8	312	39	338	42	2.00	169
Card strippers	156	.50	1	49	49	25	25	0.31	80
	156	.60	2	67	34	41	21	0.43	95
	156	.70	2	184	92	130	65	1.18	110
	156	.75	8	178	22	133	17	1.14	117
Total	156	.69	13	478	37	329	25	3.06	107
Carpenter	156	1.41	1	147	147	207	207	0.94	220
Doffers	156	.33⅓	7	320	46	108	15	2.05	53
	156	.40	40	2,533	63	1,021	26	16.24	63
	156	.50	6	100	17	50	8	0.64	78
Total	156	.40	53	2,953	56	1,179	22	18.93	62
Drawing-frame tenders	156	.65	1	42	42	27	27	0.27	100
	156	.70	1	106	106	73	73	0.68	107
	156	.75	1	128	128	96	96	0.82	117
Total	156	.71	3	276	92	196	65	1.77	111
Elevator hands	156	.65	2	73	37	48	24	0.47	103
	156	.75	1	12	12	9	9	0.08	117
Total	156	.67	3	85	28	57	19	0.55	105
Engineer	156	1.50	1	152	152	228	228	0.97	234
Fireman	156	1.00	1	152	152	152	152	0.97	156
Laborers	156	.52	4	92	23	48	12	0.59	81
	156	.65	5	191	38	126	25	1.22	103
	156	.70	6	163	27	115	19	1.04	110
	156	.75	10	370	37	278	28	2.37	117
	156	.85	1	46	46	39	39	0.29	132
Total	156	.70½	26	862	33	606	23	5.51	110
Machinists	156	1.50	1	72	72	107	107	0.46	232
	156	2.00	1	20	20	40	40	0.13	312
	156	2.50	2	156	78	391	196	1.00	391
Total	156	2.17	4	248	62	538	135	1.59	338
Overseers, carding department	156	2.50	2	109	55	275	138	0.70	394
	156	2.85½	1	35	35	100	100	0.22	446
Total	156	2.60½	3	144	48	375	125	0.92	406
Overseers, spinning department.	156	2.50	1	24	24	60	60	0.15	390
	156	3.50	1	140	140	490	490	0.90	546
Total	156	3.35½	2	164	82	550	275	1.05	523
Picking-room hands	156	.75	4	323	81	240	60	2.07	116

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

F.—Cotton Yarns: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. **10**—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Railway hands	156	$0.33½	3	245	82	$85	$28	1.57	$54
	156	.60	1	41	41	25	25	0.26	95
Total	156	.38½	4	286	72	110	28	1.83	60
Reelers	156	.40	4	42	11	17	4	0.27	63
	156	.45	3	129	43	58	19	0.83	70
	156	.50	2	171	86	85	43	1.10	78
	156	.55	4	197	49	107	27	1.26	85
	156	.60	1	117	117	70	70	0.75	93
	156	.65	4	391	98	253	63	2.51	101
Total	156	.56½	18	1,047	58	590	33	6.72	88
Roving carriers	156	.70	1	133	133	93	93	0.85	109
	156	.75	1	56	56	42	42	0.36	117
Total	156	.71½	2	189	95	135	68	1.21	111
Scrubber	156	.50	1	37	37	19	19	0.24	80
Second hands	156	1.45	2	292	146	423	212	1.87	226
Speeders	156	.50	4	78	20	40	10	0.50	80
	156	.55	2	55	28	30	15	0.35	85
	156	.65	6	391	65	254	42	2.51	101
	156	.70	8	665	83	464	58	4.26	109
	156	.75	8	617	77	464	58	3.96	117
	156	.80	1	44	44	35	35	0.28	124
	156	.90	1	16	16	14	14	0.10	137
	156	1.00	2	70	35	70	35	0.45	156
	156	1.05	1	116	116	122	122	0.74	164
Total	156	.73	33	2,052	62	1,493	45	13.15	114
Spinners	156	.33½	9	374	42	127	14	2.40	53
	156	.40	18	886	49	355	20	5.68	63
	156	.50	16	623	39	311	19	3.99	78
	156	.55	7	382	55	212	30	2.45	87
	156	.60	5	254	51	153	31	1.63	94
	156	.65	5	299	60	194	39	1.92	101
	156	.70	1	20	20	14	14	0.13	109
	156	.75	2	256	128	193	97	1.64	118
	156	.80	2	193	97	154	77	1.24	124
	156	.85	1	71	71	60	60	0.46	132
	156	.90	2	139	70	124	62	0.89	139
Total	156	.54	68	3,497	51	1,897	28	22.43	85
Spoolers	156	.45	2	16	8	7	4	0.10	68
	156	.50	4	56	14	29	7	0.36	81
	156	.55	33	2,150	65	1,183	36	13.78	86
	156	.60	3	48	16	29	10	0.31	94
	156	.65	2	159	80	103	52	1.02	101
	156	.70	2	47	24	33	17	0.30	110
	156	.83½	1	21	21	18	18	0.13	134
Total	156	.56	47	2,497	53	1,402	30	16.00	88
Sweepers	156	.20	1	5	5	1	1	0.03	31
	156	.33½	7	283	40	95	14	1.81	52
	156	.40	1	10	10	4	4	0.06	62
	156	.50	4	54	14	27	7	0.35	78
	156	.70	1	14	14	10	10	0.09	111
Total	156	.37½	14	366	26	137	10	2.34	58
Third hands	156	1.00	2	122	61	121	61	0.78	155

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

F.—Cotton Yarns: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 10—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Twisters	156	$0.50	1	79	79	$40	$40	0.51	$79
	156	.60	5	236	47	146	29	1.51	97
	156	.70	6	464	77	325	54	2.97	109
Total	156	.65½	12	779	65	511	43	4.99	102
Warpers	156	.70	2	160	80	112	56	1.03	109
	156	.75	9	217	24	162	18	1.39	116
	156	.90	1	38	38	34	34	0.24	140
	156	.95	1	72	72	69	69	0.46	150
	156	1.25	5	348	70	432	86	2.23	194
Total	156	.97	18	835	46	809	45	5.35	151
Watchman	182	1.00	1	166	166	166	166	0.91	182
The establishment		.69½	347	18,722	54	13,029	38	119.83	109

ESTABLISHMENT No. 11.

Back boys	313	$0.30	1	290	290	$87	$87	0.93	$94
	313	.35	2	616	308	213	107	1.97	108
	313	.45	1	279	279	124	124	0.89	139
Total	313	.36	4	1,185	296	424	106	3.79	112
Baler	313	.65	1	309	309	201	201	0.99	204
Card grinders	313	.80	2	545	273	442	221	1.74	254
	313	.85	3	669	223	583	194	2.14	273
Total	313	.84½	5	1,214	243	1,025	205	3.88	264
Card strippers	313	.50	4	390	98	200	50	1.25	161
	313	.60	4	587	147	340	85	1.88	181
	313	.65	5	808	162	523	105	2.58	203
	313	.70	1	313	313	219	219	1.00	219
Total	313	.61	14	2,098	150	1,232	92	6.71	191
Card stripper and watchman	365	.68½	1	163	163	112	112	0.45	251
Carpenters	313	1.00	2	359	180	355	178	1.15	310
Doffers	313	.25	3	326	109	81	27	1.04	78
	313	.30	6	1,338	223	379	63	4.27	89
	313	.35	1	280	280	98	98	0.89	110
	313	.40	5	968	194	377	75	3.09	122
	313	.50	1	236	236	117	117	0.75	155
Total	313	.33⅓	16	3,148	197	1,052	66	10.04	105
Drawing-frame tenders	313	.25	3	293	98	80	27	0.94	85
	313	.35	2	179	90	60	30	0.57	105
	313	.40	1	159	159	61	61	0.51	120
	313	.50	3	614	205	283	94	1.96	144
	313	.60	2	140	70	83	42	0.45	186
Total	313	.41	11	1,385	126	567	52	4.43	128
Drivers	313	.65	4	575	144	375	94	1.84	204
Fireman	365	.75	1	353	353	265	265	0.97	274
Laborers	313	.50	1	301	301	137	137	0.96	142
	313	.60	1	11	11	7	7	0.04	199

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

F.—Cotton Yarns: SOUTHERN DISTRICT OF THE UNITED STATES—Continued.

ESTABLISHMENT No. 11—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Laborers—concluded	313	$0.65	20	1,879	94	$1,219	$61	6.00	$203
	313	.70	1	111	111	82	82	0.35	231
	313	.81½	1	30	30	24	24	0.10	250
Total	313	.63	24	2,352	97	1,469	61	7.45	197
Machinist	365	1.90	1	357	357	678	678	0.98	693
Machinist's helper	365	.75	1	361	361	260	260	0.99	263
Oilers	313	.65	1	274	274	179	179	0.88	204
	365	.75	1	344	344	258	258	0.94	274
Total	340	.70½	2	618	309	437	219	1.82	240
Overseers, carding department	313	2.00	1	306	306	612	612	0.98	626
	313	2.25	1	309	309	695	695	0.99	704
Total	313	2.12½	2	615	308	1,307	654	1.97	665
Overseer, spinning department	313	2.50	1	309	309	773	773	0.99	783
Picking-room hands	313	.25	1	102	102	24	24	0.33	74
	313	.60	2	92	46	52	26	0.29	177
	313	.65	4	730	183	466	117	2.33	200
	313	.70	1	305	305	214	214	0.97	220
Total	313	.61½	8	1,229	154	756	95	3.92	193
Reelers	313	.10	1	12	12	1	1	0.04	26
	313	.20	1	56	56	12	12	0.18	67
	313	.25	1	8	8	2	2	0.03	78
	313	.30	1	11	11	3	3	0.04	85
	313	.40	4	482	121	188	47	1.54	122
	313	.45	3	521	174	239	80	1.66	144
	313	.50	9	1,421	158	709	79	4.54	156
	313	.60	1	87	87	49	49	0.28	176
Total	313	.46½	21	2,598	124	1,203	57	8.31	145
Roller coverer	313	1.00	1	297	297	297	297	0.95	313
Roving carrier	313	.60	1	324	324	180	180	1.04	174
Second hands	313	.40	1	298	298	119	119	0.95	125
	313	.75	1	308	308	231	231	0.98	235
	313	.85	4	1,249	312	1,077	269	3.99	270
	313	1.25	2	606	303	758	379	1.94	392
Total	313	.89	8	2,461	308	2,185	273	7.86	278
Speeders	313	.40	3	144	48	58	19	0.46	126
	313	.45	1	25	25	11	11	0.08	138
	313	.50	17	2,437	143	1,209	71	7.79	155
	313	.55	3	509	170	286	95	1.63	176
	313	.60	10	1,077	108	645	65	3.44	187
	313	.65	1	35	35	22	22	0.11	197
	313	(a)	21	(a)	(a)	1,581	75	(a)	(a)
Total	313	(b)	56	(b)	(b)	3,812	68	(b)	(b)
Spinners, frame	313	.10	4	73	18	7	2	0.23	30
	313	.15	5	337	67	52	10	1.08	48
	313	.20	5	386	77	78	16	1.23	63
	313	.25	5	809	162	204	41	2.58	79
	313	.30	8	956	120	282	35	3.05	92

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

F.—Cotton Yarns: SOUTHERN DISTRICT OF THE UNITED STATES—Concluded.

ESTABLISHMENT No. 11—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Spinners, frame—concluded	313	$0.35	15	3,302	220	$1,159	$77	10.55	$110
	313	.40	8	1,448	181	571	71	4.63	123
	313	.45	2	488	244	217	109	1.56	139
	313	.50	9	2,016	224	999	111	6.44	155
Total	313	.36½	61	9,815	161	3,569	59	31.35	114
Spinners, mule	313	1.00	2	564	282	559	280	1.80	310
Spoolers	313	.10	2	16	8	2	1	0.05	39
	313	.15	1	93	93	14	14	0.30	47
	313	.20	6	297	50	58	10	0.95	61
	313	.25	3	294	98	72	24	0.94	77
	313	.30	4	443	111	129	32	1.42	91
	313	.35	2	289	145	105	53	0.92	114
	313	.40	2	509	255	201	101	1.63	124
	313	.45	5	910	182	420	84	2.91	144
	313	.50	20	3,275	164	1,624	81	10.46	155
Total	313	.43	45	6,126	136	2,625	58	19.58	134
Sweepers	313	.12½	2	24	12	3	2	0.08	39
	313	.20	5	160	32	32	6	0.51	63
	313	.25	8	1,287	161	319	40	4.11	78
	313	.30	3	530	177	158	53	1.69	93
	313	.35	2	234	117	84	42	0.75	112
	313	.40	1	60	60	23	23	0.19	120
Total	313	.27	21	2,295	109	619	29	7.33	84
Twisters	313	.25	5	621	124	153	31	1.98	77
	313	.30	6	1,023	171	310	52	3.27	95
	313	.35	9	1,798	200	624	69	5.74	109
	313	.40	11	1,786	162	708	64	5.71	124
	313	.45	1	267	267	122	122	0.85	143
	313	.50	7	1,288	184	641	92	4.12	156
	313	.65	1	302	302	192	192	0.96	100
	313	1.00	1	302	302	302	302	0.96	313
Total	313	.41½	41	7,387	180	3,052	74	23.59	129
Warpers	313	.50	1	134	134	67	67	0.43	157
	313	.60	1	295	295	177	177	0.94	188
Total	313	.57	2	429	215	244	122	1.37	178
Watchmen	365	.81½	4	498	125	405	101	1.36	297
Water boys	313	.60	1	45	45	27	27	0.14	188
	313	.65	1	151	151	96	96	0.48	199
Total	313	.63	2	196	98	123	62	0.62	196
Yarn bundlers	313	.58½	6	842	140	494	82	2.69	184
Yarn inspectors	313	.60	1	286	286	179	179	0.91	196
	313	.75	1	37	37	28	28	0.12	237
Total	313	.64	2	323	162	207	104	1.03	201
The establishment		(a)	371	(a)	(a)	b30,912	83	(a)	(a)

a No total can be made for the reason shown in the preceding footnote a.

b In addition to the wages here shown, the employés are all furnished with good, comfortable, plastered houses to live in free of rent, with as much ground for garden purposes as they want. Their fuel, both wood and coal, is delivered to them at its exact cost.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

G.—Cotton Yarns: CONTINENT OF EUROPE.

ESTABLISHMENT No. 16.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Back boys	72	$0.16	8	569	71	$90	$11	7.90	$11
Bobbin boys	72	.33	1	75	75	25	25	1.04	24
	72	.36½	1	73	73	27	27	1.01	27
Total	72	.35	2	148	74	52	26	2.05	25
Card grinders	72	.44½	3	226	75	100	33	3.14	32
	72	.46½	1	66	66	31	31	0.92	34
	72	.48	2	148	74	71	36	2.06	35
Total	72	.46	6	440	73	202	34	6.12	33
Card strippers	72	.33	1	64	64	21	21	0.89	24
	72	.34½	3	213	71	74	25	2.96	25
	72	.38½	1	58	58	22	22	0.81	27
Total	72	.35	5	335	67	117	23	4.66	25
Drawing-frame tenders	72	.24½	13	759	58	185	14	10.54	18
Laborers	72	.19½	3	180	60	35	12	2.50	14
	72	.29	1	47	47	14	14	0.65	21
	72	.31	2	133	67	41	21	1.85	22
	72	.33	2	124	62	41	21	1.72	24
	72	.34½	3	206	69	71	24	2.86	25
	72	.36½	2	142	71	52	26	1.97	26
	72	.38½	2	134	67	52	26	1.86	28
	72	.40½	1	73	73	29	29	1.01	29
	72	.42½	1	71	71	30	30	0.99	30
Total	72	.33	17	1,110	65	365	21	15.41	24
Oilers	72	.38½	1	80	80	31	31	1.11	28
	72	.40½	1	75	75	30	30	1.04	29
	72	.44½	1	78	78	35	35	1.08	32
Total	72	.41	3	233	78	96	32	3.23	30
Overseers, carding department	72	.58	1	75	75	44	44	1.04	42
	72	.67½	1	76	76	51	51	1.06	48
Total	72	63	2	151	76	95	48	2.10	45
Packers	72	.25½	7	470	67	119	17	6.53	18
	72	.48	1	71	71	34	34	0.99	34
Total	72	.28½	8	541	68	153	19	7.52	20
Picking-room hands	72	.20	3	180	60	35	12	2.50	14
	72	.25	3	177	59	45	15	2.46	18
	72	.31	1	56	56	17	17	0.78	22
	72	.36½	2	90	45	33	17	1.25	26
	72	.38½	3	199	66	77	26	2.76	28
	72	.40½	4	308	77	125	31	4.28	29
	72	.42½	1	71	71	30	30	0.99	30
	72	.47½	2	97	49	46	23	1.35	34
Total	72	.34½	19	1,178	62	408	21	16.37	25
Piecers	72	.35½	12	726	61	257	21	10.08	25
Roving carriers	72	.21	1	64	64	14	14	0.89	16
	72	.27	1	69	69	19	19	0.96	20
	72	.29	1	41	41	12	12	0.57	21

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

G.—Cotton Yarns: CONTINENT OF EUROPE—Continued.

ESTABLISHMENT No. 16—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Roving carriers—concluded	72	$0.31	1	74	74	$23	$23	1.03	$22
	72	.34½	1	76	76	26	26	1.06	25
Total	72	.29	5	324	65	94	19	4.51	21
Second hands	72	.33	1	71	71	23	23	0.99	23
	72	.56	1	76	76	43	43	1.06	41
	72	.58	1	83	83	48	48	1.15	42
Total	72	.49½	3	230	77	114	38	3.20	36
Speeders	72	.28	15	1,029	69	288	19	14.29	20
Spinners, frame	72	.19½	16	1,136	71	224	14	15.78	14
Spinners, mule	72	.62	4	267	67	165	41	3.71	44
Sweepers	72	.15½	4	258	65	40	10	3.58	11
Twisters	72	.23½	7	392	56	93	13	5.44	17
Warehousemen	72	.42½	3	203	68	86	29	2.82	31
	72	.62½	2	138	69	90	45	1.92	47
Total	72	.51½	5	341	68	176	35	4.74	37
Waste hands	72	.22½	2	130	65	29	15	1.81	16
Weigher	72	.27	1	64	64	17	17	0.89	19
Winders	72	.19½	10	597	60	116	12	8.29	14
Yarn inspector	72	.15½	1	72	72	11	11	1.00	11
The establishment	-------	.30½	168	11,030	66	a 3,387	20	153.22	22

ESTABLISHMENT No. 17.

Back boys	72	$0.23	2	46	23	$11	$6	0.64	$17
	72	.25	5	304	61	76	15	4.22	18
	72	.27	5	261	52	71	14	3.63	20
Total	72	.26	12	611	51	158	13	8.49	19
Bobbin boy	72	.34½	1	72	72	25	25	1.00	25
Card grinders	72	.50	2	139	70	70	35	1.93	36
Card strippers	72	.44½	2	138	69	61	31	1.92	32
Carders	72	.29	1	68	68	20	20	0.94	21
	72	.31	2	135	68	42	21	1.88	22
	72	.34½	2	73	37	25	13	1.01	25
	72	.38½	1	68	68	26	26	0.94	28
Total	72	.33	6	344	57	113	19	4.77	24
Carpenter	72	.67½	1	72	72	49	49	1.00	49
Cleaners	72	.27	1	69	69	19	19	0.96	20
	72	.38½	1	67	67	26	26	0.93	28
Total	72	.33	2	136	68	45	23	1.89	24
Combers	72	.33	4	257	64	84	21	3.57	24
Doffers	72	.23	1	44	44	10	10	0.61	16
	72	.25	3	160	53	40	13	2.22	18
	72	.27	4	251	63	68	17	3.49	20
Total	72	.26	8	455	57	118	15	6.32	19

a The earnings here shown are for only a part of the employés for twelve weeks. The statement for this establishment on page 129 is for all the employés for one year.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

G.—Cotton Yarns: CONTINENT OF EUROPE—Continued.

ESTABLISHMENT No. 17—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Drawing-frame tenders	72	$0.31	1	68	68	$21	$21	0.94	$22
	72	.33	5	250	50	82	16	3.47	24
	72	.36½	1	69	69	25	25	0.96	26
Total	72	.33	7	387	55	128	18	5.37	24
Engineer	72	.65½	1	72	72	47	47	1.00	47
Fireman	72	.72½	1	72	72	52	52	1.00	52
Laborers	72	.48½	4	288	72	139	35	4.00	35
Machinist	72	1.16	1	72	72	83	83	1.00	83
Machinist's apprentice	72	.62	1	72	72	44	44	1.00	44
Oilers	72	.41½	3	210	70	87	29	2.92	30
Overseer, carding department	72	.63½	1	72	72	46	46	1.00	46
Overseers, spinning department	72	.95	2	144	72	137	69	2.00	69
Overseer, winding department	72	.42½	1	72	72	31	31	1.00	31
Packer	72	.45½	1	72	72	33	33	1.00	33
Picking-room hands	72	.33	1	69	69	23	23	0.96	24
	72	.34½	1	69	69	24	24	0.96	25
	72	.38½	1	69	69	27	27	0.96	28
Total	72	.35½	3	207	69	74	25	2.88	26
Piecers	72	.29	8	517	65	151	19	7.18	21
Second hand	72	.64	1	72	72	46	46	1.00	46
Speeders, coarse	72	.33	2	135	68	44	22	1.88	23
	72	.34½	2	128	64	44	22	1.78	25
Total	72	.33½	4	263	66	88	22	3.66	24
Speeders, fine	72	.37½	12	864	72	323	27	12.00	27
Speeders, intermediate	72	.37	6	333	56	123	21	4.63	27
Spinners, mule	72	.63	16	1,137	71	715	45	15.79	45
	72	.78	4	288	72	225	56	4.00	56
Total	72	.66	20	1,425	71	940	47	19.79	47
Sweeper	72	.34½	1	72	72	25	25	1.00	25
Warehousemen	72	.48½	4	288	72	139	35	4.00	35
	72	.54	1	72	72	39	39	1.00	39
Total	72	.49½	5	360	72	178	36	5.00	36
Watchman	72	.38½	1	72	72	28	28	1.00	28
The establishment	.....	.44½	122	7,942	65	a 3,526	29	110.32	32

ESTABLISHMENT No. 18.

Back boys	78	$0.27	39	3,042	78	$823	$21	39.00	$21
Blacksmith	78	.55	1	78	78	43	43	1.00	43
Card grinders	78	.51½	10	780	78	400	40	10.00	40
Card strippers	78	.43	27	2,106	78	909	34	27.00	34
Carpenters	78	.77	2	156	78	120	60	2.00	60
Combers	78	.38	20	1,560	78	589	29	20.00	29
Drawing-frame tenders	78	.30	35	2,730	78	825	24	35.00	24

a The earnings here shown are for twelve weeks only. The statement for this establishment on page 129 is for one year. In addition to the above employés winders were also employed, but on account of the intermittent character of the work no information could be obtained beyond the fact that they earned from 17½ to 24 cents per day.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

G.—Cotton Yarns: CONTINENT OF EUROPE—Concluded.

ESTABLISHMENT No. 18—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Engineers	78	$0.72	2	156	78	$112	$56	2.00	$56
	78	1.00	1	78	78	78	78	1.00	78
	78	1.27	1	78	78	99	99	1.00	99
Total	78	.92½	4	312	78	289	72	4.00	72
Foremen	78	.74½	2	156	78	116	58	2.00	58
Gateman	78	.52½	1	78	78	41	41	1.00	41
Laborers	78	.53½	4	312	78	167	42	4.00	42
Oilers	78	.67	7	546	78	367	52	7.00	52
Overseer	78	.88½	1	78	78	69	69	1.00	69
Overseers, carding department	78	.98½	2	156	78	154	77	2.00	77
Overseer, picking department	78	.68	1	78	78	53	53	1.00	53
Overseers, spinning department	78	.95½	3	234	78	223	74	3.00	74
Picking-room hands	78	.42	18	1,404	78	587	33	18.00	33
Piecers	78	.30	41	3,198	78	957	23	41.00	23
Roller coverer	78	.84½	1	78	78	66	66	1.00	66
Roving carriers	78	.54½	5	390	78	213	43	5.00	43
Second hand	78	.81	1	78	78	63	63	1.00	63
Speeders	78	.40½	64	4,992	78	2,021	32	64.00	32
Spinners, mule	78	.51	40	3,120	78	1,590	40	40.00	40
Watchmen	78	.59½	3	234	78	139	46	3.00	46
The establishment		.42	332	25,896	78	a10,824	33	332.00	33

H.—Cotton Yarns: GREAT BRITAIN.

ESTABLISHMENT No. 19.

Card grinders and card strippers.	78	$1.01½	1	75	75	$76	$76	0.96	$79
	78	1.05½	1	79	79	83	83	1.01	82
Total	78	1.03	2	154	77	159	80	1.97	81
Drawing-frame tenders	78	.79	3	225	75	178	59	2.88	62
Overseer, carding department	78	1.42	1	78	78	111	111	1.00	111
Overseer, spinning department	78	1.54	1	78	78	120	120	1.00	120
Packers	78	.20½	1	29	29	6	6	0.37	16
	78	.44½	1	76	76	34	34	0.97	35
Total	78	.38	2	105	53	40	20	1.34	30
Picking-room hands	78	.65	1	76	76	49	49	0.97	50
	78	.79	1	76	76	60	60	0.97	62
	78	1.00	1	76	76	76	76	0.97	78
Total	78	.81	3	228	76	185	62	2.91	63
Piecers	78	.40½	6	454	76	184	31	5.82	32
	78	.44½	5	378	76	169	34	4.85	35
	78	.57	6	454	76	258	43	5.82	44
	78	.61	5	378	76	230	46	4.85	47
	78	.77	1	76	76	57	57	0.97	59
Total	78	.51½	23	1,740	76	898	39	22.31	40
Roving carrier	78	.81	1	72	72	58	58	0.92	63
Speeders, coarse	78	.79	3	225	75	178	59	2.88	62
Speeders, fine	78	.69½	5	375	75	261	52	4.81	54
Speeders, intermediate	78	.74	3	222	74	164	55	2.85	58

a The earnings here shown are for thirteen weeks only. The statement for this establishment on page 129 is for one year.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

H.—Cotton Yarns: GREAT BRITAIN—Continued.

ESTABLISHMENT No. 19—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Speeders' helpers	78	$0.40	6	403	67	$161	$27	5.17	$31
Spinners, mule	78	1.32	13	768	59	1,014	78	9.85	103
Warehouseman	78	.77	1	76	76	59	59	0.97	61
The establishment	-------	.75½	67	4,749	71	3,586	54	60.86	59

ESTABLISHMENT No. 22.

Back tenders	156	(a)	13	(a)	(a)	$602	$46	(a)	(a)
Band fixer	156	$0.61	1	148	148	90	90	0.95	$95
Bobbin boys	156	.30½	1	139	139	42	42	0.89	47
	156	.50½	2	305	153	153	77	1.96	78
Total	156	.44	3	444	148	195	65	2.85	69
Card grinders and card strippers.	156	.69	3	417	139	280	93	2.67	105
	156	.73	3	431	144	313	104	2.76	113
Total	156	.70	6	848	141	593	99	5.43	109
Doffers	156	.20½	4	425	106	86	22	2.72	32
	156	.38	13	1,818	140	692	53	11.65	59
	156	.58½	2	299	150	175	88	1.92	91
Total	156	.37⅓	19	2,542	134	953	50	16.29	58
Drawing-frame tenders	156	(a)	6	(a)	(a)	403	67	(a)	(a)
Engineer	156	1.27½	1	192	192	245	245	1.23	199
Fireman	156	.61	1	173	173	105	105	1.11	95
Laborers	156	.40½	1	138	138	56	56	0.88	63
	156	.65	1	145	145	94	94	0.93	101
	156	.68½	1	146	146	100	100	0.94	107
Total	156	.58½	3	429	143	250	83	2.75	91
Machinist	156	1.21½	1	188	188	229	229	1.21	190
Overseer, carding department	156	1.42	1	156	156	221	221	1.00	221
Overseer, reeling department	156	.97½	1	156	156	152	152	1.00	152
Overseers, spinning department	156	1.42	2	312	156	443	222	2.00	222
Packer	156	.69	1	142	142	97	97	0.91	107
Picking-room hands	156	.40½	1	138	138	56	56	0.88	63
	156	.48½	1	142	142	69	69	0.91	76
	156	.52½	1	143	143	75	75	0.92	82
	156	.61	1	142	142	86	86	0.91	94
	156	.65	1	143	143	93	93	0.92	101
Total	156	.53½	5	708	142	379	76	4.54	84
Piecers	156	.33⅓	1	140	140	47	47	0.90	52
	156	.52½	1	141	141	74	74	0.90	82
	156	.65	2	278	139	181	91	1.78	102
Total	156	.54	4	559	140	302	76	3.58	84
Reelers	156	(a)	53	(a)	(a)	2,553	48	(a)	(a)
Reelers' helper	156	.40½	1	119	119	48	48	0.76	63
Roller coverer	156	1.05½	1	143	143	150	150	0.92	164
Roving carrier	156	.40½	1	142	142	58	58	0.91	64

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

II.—Cotton Yarns: GREAT BRITAIN—Continued.

ESTABLISHMENT No. 22—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Second hand	156	$0.82½	1	153	153	$126	$126	0.98	$128
Speeders, coarse	156	(a)	6	(a)	(a)	416	69	(a)	(a)
Speeders, fine	156	(a)	14	(a)	(a)	871	62	(a)	(a)
Speeders, intermediate	156	(a)	6	(a)	(a)	434	72	(a)	(a)
Spinners, frame	156	(a)	45	(a)	(a)	2,354	52	(a)	(a)
Spinner, mule	156	(a)	1	(a)	(a)	210	210	(a)	(a)
Spinners' helpers	156	.16	6	406	68	66	11	2.60	25
	156	.20½	2	41	21	8	4	0.26	30
	156	.24½	5	222	44	54	11	1.42	38
Total	156	.19	13	669	51	128	10	4.28	30
Twisters	156	.20½	4	455	114	92	23	2.92	32
	156	.34½	1	55	55	19	19	0.35	54
Total	156	.22	5	510	102	111	22	3.27	34
Warehouseman	156	.40½	1	140	140	58	58	0.90	65
Warpers	156	.69	2	285	143	196	98	1.83	107
	156	(a)	4	(a)	(a)	625	156	(a)	(a)
Total	156	(b)	6	(b)	(b)	821	137	(b)	(b)
Watchman	182	1.00½	1	190	190	191	191	1.04	183
Weighers	156	.36½	1	144	144	52	52	0.92	56
	156	.48½	1	119	119	58	58	0.76	76
	156	.69	1	148	148	100	100	0.95	105
Total	156	.51	3	411	137	210	70	2.63	80
Winders	156	(a)	21	(a)	(a)	893	43	(a)	(a)
Yarn bundlers	156	.86	1	145	145	125	125	0.93	134
	156	1.07½	1	158	158	170	170	1.01	168
Total	156	.97½	2	303	152	295	148	1.94	152
Yarn carrier	156	.16	1	59	59	10	10	0.38	26
The establishment	.....	(b)	250	(b)	(b)	c 15,196	61	(b)	(b)

ESTABLISHMENT No. 24.

Back tenders	6	$0.37½	16	96	6	$36	$2	16.00	$2
Bobbin boy	6	.85	1	6	6	5	5	1.00	5
Coal wheeler	6	.73	1	6	6	4	4	1.00	4
Drawing-frame tenders	6	.76	9	54	6	41	5	9.00	5
Engineer	6	1.21½	1	6	6	7	7	1.00	7
Fireman	6	1.20½	1	6	6	7	7	1.00	7
Harness hand	6	.77	1	6	6	5	5	1.00	5
Laborers	6	.87	18	91	5	79	4	15.17	5
Oiler	6	1.10	1	6	6	7	7	1.00	7
Overseers	6	1.62	1	6	6	10	10	1.00	10
	6	3.24½	1	6	6	19	19	1.00	19
Total	6	2.41½	2	12	6	29	15	2.00	15

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made, for the reason shown in the preceding footnote.
c The earnings here shown are for six months. The statement for this establishment on page 129 is for three months only.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

H.—Cotton Yarns: GREAT BRITAIN—Continued.

ESTABLISHMENT No. 24—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Overseer, carding department	6	$1.50	1	6	6	$9	$9	1.00	$9
Overseers, spinning department	6	1.13½	1	6	6	7	7	1.00	7
	6	1.62	1	6	6	10	10	1.00	10
Total	6	1.41½	2	12	6	17	9	2.00	9
Packers	6	.71½	7	42	6	30	4	7.00	4
Picking-room hands	6	.79	8	48	6	38	5	8.00	5
Piecers	6	.49	17	102	6	50	3	17.00	3
	6	.66½	17	102	6	68	4	17.00	4
Total	6	.58	34	204	6	118	3	34.00	3
Reelers and winders	6	.46	36	216	6	99	3	36.00	3
Roller coverer	6	.81	1	6	6	5	5	1.00	5
Second hand	6	1.00	1	6	6	6	6	1.00	6
Speeders, coarse	6	.72	9	54	6	39	4	9.00	4
Speeders, fine	6	.53½	15	90	6	48	3	15.00	3
	6	.68½	8	48	6	33	4	8.00	4
Total	6	.58½	23	138	6	81	4	23.00	4
Speeders, intermediate	6	.57½	9	54	6	31	3	9.00	3
Spinners, frame	6	.27	33	144	4	39	1	24.00	2
	6	.47	12	72	6	34	3	12.00	3
Total	6	.34	45	216	5	73	2	36.00	2
Spinners, mule	6	1.44½	12	72	6	104	9	12.00	9
	6	1.66½	5	30	6	50	10	5.00	10
Total	6	1.51	17	102	6	154	9	17.00	9
The establishment		.66	244	1,393	6	920	4	232.17	4

ESTABLISHMENT No. 25.

Back tenders	6	$0.37½	8	48	6	$18	$2	8.00	$2
Bobbin boys	6	.85	2	12	6	10	5	2.00	5
Coal wheeler	6	.73	1	6	6	4	4	1.00	4
Drawing-frame tenders	6	.73½	5	30	6	22	4	5.00	4
	6	.91½	2	12	6	11	6	2.00	6
Total	6	.78½	7	42	6	33	5	7.00	5
Engineer	6	1.62	1	6	6	10	10	1.00	10
Fireman	6	.94	1	8	8	7	7	1.33	5
Harness hand	6	.77	1	6	6	5	5	1.00	5
Laborers	6	1.00	7	43	6	43	6	7.17	6
Overseer	6	4.05½	1	6	6	24	24	1.00	24
Overseer, carding department	6	1.62	1	6	6	10	10	1.00	10
Overseer, spinning department	6	1.82½	1	6	6	11	11	1.00	11
Packers	6	.58½	6	36	6	21	4	6.00	4
Picking-room hands	6	.80½	6	36	6	29	5	6.00	5
Piecers	6	.43	26	156	6	67	3	26.00	3
	6	.60	28	168	6	101	4	28.00	4
Total	6	.52	54	324	6	168	3	54.00	3

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

H.—Cotton Yarns: GREAT BRITAIN—Continued.

ESTABLISHMENT No. 25—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Roller coverer	6	$1.13½	1	6	6	$7	$7	1.00	$7
Second hand	6	1.00	1	6	6	6	6	1.00	6
Speeders, coarse	6	.70	5	30	6	21	4	5.00	4
	6	.83½	2	12	6	10	5	2.00	5
Total	6	.74	7	42	6	31	4	7.00	4
Speeders, fine	6	.64⅛	15	90	6	58	4	15.00	4
Speeders, intermediate	6	.57	7	42	6	24	3	7.00	3
Spinners, mule	6	1.21½	7	42	6	51	7	7.00	7
	6	1.47	11	66	6	97	9	11.00	9
	6	1.59½	9	54	6	86	10	9.00	10
Total	6	1.44⅓	27	162	6	234	9	27.00	9
Warehousemen	6	.78	3	18	6	14	5	3.00	5
Watchman	6	.89	1	6	6	5	5	1.00	5
The establishment	------	.80½	159	957	6	772	5	159.50	5

ESTABLISHMENT No. 26.

Back tenders	6	$0.36½	12	71	6	$26	$2	11.83	$2
Bobbin boy	6	.87½	1	6	6	5	5	1.00	5
Coal wheeler	6	.81	1	6	6	5	5	1.00	5
Drawing-frame tenders	6	.76	9	54	6	41	5	9.00	5
Engineers	6	1.21½	1	6	6	7	7	1.00	7
	6	2.43½	1	6	6	15	15	1.00	15
Total	6	1.83½	2	12	6	22	11	2.00	11
Fireman	6	1.00	1	6	6	6	6	1.00	6
Harness hand	6	.77	1	6	6	5	5	1.00	5
Laborers	6	.89½	11	66	6	59	5	11.00	5
Oiler	6	1.00	1	6	6	6	6	1.00	6
Overseer	6	3.89½	1	6	6	23	23	1.00	23
Overseer, carding department	6	1.82½	1	6	6	11	11	1.00	11
Overseer, spinning department	6	2.00	1	6	6	12	12	1.00	12
Packers	6	.75	6	36	6	27	5	6.00	5
Picking-room hands	6	.74	11	66	6	49	4	11.00	4
Piecers	6	.45	37	222	6	100	3	37.00	3
	6	.62½	37	222	6	139	4	37.00	4
Total	6	.54	74	444	6	239	3	74.00	3
Roller coverer	6	1.13½	1	6	6	7	7	1.00	7
Second hands	6	1.08⅓	2	12	6	13	7	2.00	7
Speeders, coarse	6	.68½	9	54	6	37	4	9.00	4
Speeders, fine	6	.61½	19	114	6	70	4	19.00	4
Speeders, intermediate	6	.55½	12	72	6	40	3	12.00	3
Spinners, mule	6	1.00	2	12	6	12	6	2.00	6
	6	1.30½	23	138	6	180	8	23.00	8
	6	1.48½	12	72	6	107	9	12.00	9
Total	6	1.34½	37	222	6	299	8	37.00	8
Warehousemen	6	.62½	4	24	6	15	4	4.00	4
The establishment	------	.78	217	1,301	6	1,017	5	216.83	5

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

H.—Cotton Yarns: GREAT BRITAIN—Continued.

ESTABLISHMENT No. 28.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Back boys	156	$0.20⅝	20	1,505	75	$305	$15	9.65	$32
Card grinders and card strippers.	156	.91	6	933	156	849	142	5.98	142
Carders	156	.32½	2	149	75	48	24	0.96	50
	156	.36½	4	443	111	162	41	2.84	57
Total	156	.35½	6	592	99	210	35	3.80	55
Carders and drawing-frame tenders.	156	.63	2	253	127	160	80	1.62	99
Drawing-frame tenders	156	.68½	9	1,207	134	827	92	7.74	107
Engineer	156	1.82½	1	156	156	285	285	1.00	285
Fireman	156	1.24½	1	154	154	192	192	0.99	194
Laborers	156	.43	2	285	143	122	61	1.83	67
	156	.75½	1	102	102	77	77	0.65	118
Total	156	.51½	3	387	129	199	66	2.48	80
Lap carriers	156	.93½	2	151	76	141	71	0.97	146
Machinist	156	1.30⅓	1	134	134	175	175	0.86	204
Oiler	156	.85	1	156	156	133	133	1.00	133
Overseer, carding department	156	2.03	1	156	156	316	316	1.00	316
Overseers, picking department	156	.97½	2	304	152	296	148	1.95	152
Overseer, reeling department	156	1.30	1	151	151	196	196	0.97	202
Overseer, spinning department	156	2.23	1	156	156	348	348	1.00	348
Packers	156	.49	7	810	116	396	57	5.19	76
Picking-room hands	156	.20⅞	3	222	74	45	15	1.42	32
	156	.24⅓	2	214	107	52	26	1.37	38
	156	.40½	2	297	149	120	60	1.90	63
	156	.50½	2	297	149	150	75	1.90	79
Total	156	.35½	9	1,030	114	367	41	6.59	56
Piecers	156	.38⅓	20	3,010	151	1,159	58	19.29	60
	156	.46½	10	1,505	151	702	70	9.65	73
	156	.63	20	3,010	151	1,892	95	19.29	98
	156	.75	10	1,505	151	1,129	113	9.65	117
Total	156	.54	60	9,030	151	4,882	81	57.88	84
Reelers	156	.34½	43	4,993	116	1,716	40	32.01	54
	156	.43	17	2,360	139	1,016	60	15.13	67
Total	156	.34	60	7,353	123	2,732	46	47.14	58
Roller coverer	156	1.21½	1	156	156	190	190	1.00	190
Roving carrier	156	.97½	1	152	152	148	148	0.97	152
Scrubber	156	.57½	1	160	160	92	92	1.03	90
Second hands	156	.69	1	154	154	105	105	0.99	106
	156	1.21½	1	156	156	190	190	1.00	190
Total	156	.95	2	310	155	295	148	1.99	148
Speeders	156	.64½	38	5,284	139	3,412	90	33.87	101
Speeders' helpers	156	.20½	1	152	152	32	32	0.97	33
	156	.28⅔	15	1,837	122	527	35	11.78	45
	156	.32½	13	1,759	135	576	44	11.28	51
	156	.40½	1	75	75	30	30	0.48	62
Total	156	.30⅞	30	3,823	127	1,165	39	24.51	48

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

H.—Cotton Yarns: GREAT BRITAIN—Continued.

ESTABLISHMENT No. 28—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Spinners, mule	156	$1.57½	31	4,514	146	$7,107	$229	28.94	$246
Teamsters	156	.89	1	156	156	139	139	1.00	139
	156	1.05½	2	156	78	159	80	1.00	159
Total	156	.95½	3	312	104	298	99	2.00	149
Warehousemen	156	1.14½	1	145	145	166	166	0.93	179
	156	1.21½	1	160	160	198	198	1.03	193
Total	156	1.19½	2	305	153	364	182	1.96	186
Warehousemen's helpers	156	.46½	1	77	77	35	35	0.49	71
	156	.69	1	69	69	47	47	0.44	106
	156	.77	1	153	153	118	118	0.98	120
Total	156	.67	3	299	100	200	67	1.91	104
Watchman	156	1.01½	1	156	156	157	157	1.00	157
Weighers	156	.44½	1	77	77	33	33	0.49	67
	156	.77	1	70	70	53	53	0.45	118
Total	156	.58½	2	147	74	86	43	0.94	91
The establishment		.66	308	40,236	131	26,523	86	257.93	163

ESTABLISHMENT No.—.

[No statement of cost of production for this establishment is shown in Table II.]

Card grinders and card strippers.	78	$1.00	1	75	75	$75	$75	0.96	$78
	78	1.05½	1	75	75	80	80	0.96	83
Total	78	1.03½	2	150	75	155	78	1.92	81
Drawing-frame tenders	78	.78½	3	222	74	174	58	2.85	61
Overseers, carding department	78	1.30	1	30	30	39	39	0.38	101
	78	1.46½	1	48	48	70	70	0.62	114
Total	78	1.39½	2	78	39	109	55	1.00	109
Overseer, spinning department	78	1.59	1	78	78	124	124	1.00	124
Packer	78	.47½	1	74	74	35	35	0.95	37
Picking-room hands	78	.65	1	73	73	48	48	0.94	51
	78	.79	1	75	75	59	59	0.96	61
	78	1.00½	1	73	73	74	74	0.94	79
Total	78	.82	3	221	74	181	60	2.84	64
Piecers	78	.40½	6	444	74	180	30	5.69	32
	78	.44½	5	370	74	166	33	4.74	35
	78	.57	6	444	74	252	42	5.69	44
	78	.61	5	370	74	225	45	4.74	47
	78	.75	1	74	74	55	55	0.95	58
Total	78	.51½	23	1,702	74	878	38	21.81	40
Roving carrier	78	.81	1	74	74	60	60	0.95	63
Speeders, coarse	78	.78½	3	222	74	174	58	2.85	61
Speeders, fine	78	.70	5	370	74	259	52	4.74	55
Speeders, intermediate	78	.74½	3	222	74	165	55	2.85	58

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

H.—Cotton Yarns: GREAT BRITAIN—Concluded.

ESTABLISHMENT No. — —Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Speeders' helpers	78	$0.39	5	304	61	$118	$24	3.90	$30
	78	.47½	1	74	74	35	35	0.95	37
Total	78	.40½	6	378	63	153	26	4.85	32
Spinners, mule	78	1.40½	10	740	74	1,040	104	9.49	110
Warehouseman	78	.78½	1	75	75	59	59	0.96	61
The establishment	-------	.77½	64	4,606	72	3,566	56	59.06	60

J.—Woollen and Worsted Textiles: UNITED STATES.

ESTABLISHMENT No. 3.

Burlers	156	$0.85	5	298	60	$253	$51	1.91	$132
Card feeder	156	1.00	1	151	151	151	151	0.97	156
Card strippers	156	1.30	1	154	154	199	199	0.99	202
	156	1.33½	1	152	152	202	202	0.97	207
Total	156	1.31	2	306	153	401	201	1.96	204
Carders	156	.75	4	583	146	437	109	3.74	117
Carpenters	156	1.50	3	143	48	216	72	0.92	236
	156	2.00	2	12	6	24	12	0.08	312
	156	2.25	1	167	167	372	372	1.07	347
	156	3.00	1	29	29	86	86	0.19	463
Total	156	1.99	7	351	50	698	100	2.26	310
Cloth inspector	156	1.12½	1	149	149	168	168	0.96	176
Drawers-in	156	1.00	3	5	2	5	2	0.03	156
	156	1.37	1	97	97	132	132	0.62	212
	156	1.50	2	110	55	164	82	0.71	233
Total	156	1.42	6	212	35	301	50	1.36	221
Dressers	156	1.75	1	147	147	258	258	0.94	274
	156	1.83½	1	147	147	269	269	0.94	285
Total	156	1.79½	2	294	147	527	264	1.88	280
Drier	156	1.50	1	152	152	229	229	0.97	235
Dyeing-room hands	156	1.25	7	289	41	350	50	1.85	189
	156	1.50	1	176	176	264	264	1.13	234
Total	156	1.32	8	465	58	614	77	2.98	206
Firemen	156	1.27	1	137	137	174	174	0.88	198
	156	1.59	1	157	157	249	249	1.01	247
Total	156	1.44	2	294	147	423	212	1.89	224
Giggers	156	1.35	2	189	95	254	127	1.21	210
Laborers	156	.70⅓	5	149	30	105	21	0.96	110
Loom fixers	156	2.00	3	303	101	607	202	1.94	313
Machinists	156	1.33⅓	1	18	18	24	24	0.12	208
	156	1.50	1	49	49	73	73	0.31	232
Total	156	1.45	2	67	34	97	49	0.43	226

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. 3—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Master machinist	156	$2.50	1	199	199	$498	$498	1.28	$390
Overseer, carding department	156	3.35	1	158	158	528	528	1.01	521
Overseers, dyeing room	156	3.50	2	151	76	529	265	0.97	547
Overseer, finishing department	156	3.00	1	163	163	490	490	1.04	469
Overseer, spinning department	156	2.50	1	156	156	389	389	1.00	389
Overseer, weaving department	156	2.50	1	152	152	380	380	0.97	390
Pickers	156	.75	3	203	68	152	51	1.30	117
	156	1.00	2	152	76	152	76	0.97	156
	156	1.50	1	172	172	258	258	1.10	234
Total	156	1.06½	6	527	88	562	94	3.37	166
Second hands	156	1.66⅔	1	156	156	259	259	1.00	259
	156	2.00	2	327	164	653	327	2.10	312
Total	156	1.89	3	483	161	912	304	3.10	295
Shearer	156	2.00	1	146	146	293	293	0.94	313
Sorters	156	1.50	1	30	30	45	45	0.19	234
	156	1.75	2	108	54	189	95	0.69	273
	156	1.86	1	157	157	292	292	1.01	290
Total	156	1.78½	4	295	74	526	132	1.89	278
Spinners, mule	156	1.12	3	173	58	194	65	1.11	175
	156	1.48	4	284	71	420	105	1.82	231
	156	1.73	8	379	47	656	82	2.43	270
	156	1.94½	4	408	102	794	199	2.62	304
	156	2.51	1	149	149	374	374	0.96	392
Total	156	1.75	20	1,393	70	2,438	122	8.94	273
Spoolers	156	.85	8	485	61	412	52	3.11	133
Washers	156	1.41⅔	1	37	37	52	52	0.24	219
	156	1.50	1	155	155	233	233	0.99	235
Total	156	1.48⅓	2	192	96	285	143	1.23	232
Watchman	182	1.43	1	182	182	260	260	1.00	260
Weavers	156	.66⅔	3	30	10	20	7	0.19	104
	156	.94	9	33	4	31	3	0.21	147
	156	1.26⅔	33	1,564	47	1,981	60	10.03	198
	156	1.45⅔	34	3,007	88	4,370	129	19.28	227
	156	1.66	7	259	37	430	61	1.66	259
Total	156	1.39⅓	86	4,893	57	6,832	79	31.37	218
The establishment	-------	1.52	189	13,538	72	a 20,599	109	86.64	238

ESTABLISHMENT No. 7.

Burlers	313	$0.65	4	172	43	$110	$28	0.55	$200
	313	.75	23	3,859	168	2,883	125	12.33	234
	313	.80	3	748	249	594	198	2.39	249
Total	313	.75	30	4,779	159	3,587	120	15.27	235

a The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. 7—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Card grinder	313	$1.60	1	316	316	$506	$506	1.01	$501
Card strippers	313	1.25	6	1,168	195	1,460	243	3.73	391
Carders	313	.75	10	724	72	531	53	2.31	230
	313	.80	12	1,786	149	1,428	119	5.71	250
	313	.90	2	343	172	307	154	1.10	280
	313	1.00	1	17	17	17	17	0.05	313
Total	313	.79½	25	2,870	115	2,283	91	9.17	249
Carpenters	313	2.00	2	247	124	500	250	0.79	634
Cloth inspectors	313	1.00	2	282	141	281	141	0.90	312
	313	2.00	2	293	147	573	287	0.94	612
Total	313	1.48½	4	575	144	854	214	1.84	465
Drawers-in	313	.50	1	107	107	53	53	0.34	155
	313	.84	1	217	217	182	182	0.69	263
	313	1.05	2	376	188	394	197	1.20	328
Total	313	.90	4	700	175	629	157	2.23	281
Dressers	313	1.45	1	282	282	403	403	0.90	447
	313	1.75	2	567	284	992	496	1.81	548
Total	313	1.64½	3	849	283	1,395	465	2.71	514
Drier	313	1.25	1	255	255	319	319	0.81	392
Dyeing-room hands	313	1.25	6	1,492	249	1,865	311	4.77	391
Finishing-room hands	313	.50	1	124	124	62	62	0.40	157
	313	.75	1	106	106	83	83	0.34	245
	313	.85	3	619	206	524	175	1.98	265
	313	.90	10	1,879	188	1,704	170	6.00	284
Total	313	.87	15	2,728	182	2,373	158	8.72	272
Firemen	313	1.50	3	345	115	518	173	1.10	470
Fuller	313	1.50	1	282	282	424	424	0.90	471
Giggers	313	1.00	2	182	91	186	93	0.58	320
	313	1.10	8	1,032	129	1,123	140	3.30	341
	313	1.35	1	296	296	400	400	0.95	423
Total	313	1.13	11	1,510	137	1,709	155	4.83	354
Handers-in	313	.50	4	449	112	229	57	1.43	160
	313	.65	2	246	123	161	81	0.79	205
	313	.75	1	268	268	198	198	0.86	231
Total	313	.61	7	963	138	588	84	3.08	191
Loom fixers	313	1.50	1	297	297	467	467	0.95	492
	313	2.00	4	859	215	1,719	430	2.74	626
Total	313	1.89	5	1,156	231	2,186	437	3.69	592
Machinist	313	3.00	1	288	288	865	865	0.92	940
Machinist's helper	313	2.00	1	297	297	594	594	0.95	626
Overseers, carding department	313	3.00	3	300	100	900	300	0.96	939
Overseer, dressing room	313	2.00	1	294	294	589	589	0.94	627
Overseer, dyeing room	313	3.00	1	301	301	903	903	0.96	939
Overseer, finishing department	313	3.00	1	306	306	919	919	0.98	946
Overseer, picking department	313	2.75	1	309	309	850	850	0.99	861

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles:—UNITED STATES—Continued.

ESTABLISHMENT No. 7—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Overseer, sorting room	313	$2.00	1	301	301	$602	$602	0.96	$626
Overseer, spinning department	313	3.00	1	301	301	902	902	0.96	938
Overseer, weaving department	313	3.25	1	299	299	971	971	0.96	1,016
Picking-room hands	313	1.25	10	976	98	1,217	122	3.12	390
Press hand	313	1.25	1	279	279	349	349	0.89	392
Roving carriers	313	1.15	1	95	95	109	109	0.30	359
	313	1.20	1	89	89	108	108	0.28	380
Total	313	1.18	2	184	92	217	109	0.58	369
Second hands	313	1.60	1	299	299	464	464	0.96	486
	313	1.75	1	301	301	540	540	0.96	562
	313	2.00	1	295	295	591	591	0.94	627
	313	2.25	1	310	310	698	698	0.99	705
Total	313	1.90½	4	1,205	301	2,293	573	3.85	596
Shearers	313	1.25	1	290	290	363	363	0.93	392
	313	1.50	2	538	269	806	403	1.72	469
Total	313	1.41	3	828	276	1,169	390	2.65	442
Sorters	313	1.04	2	289	145	301	151	0.92	326
	313	1.50	1	258	258	387	387	0.82	470
	313	1.75	2	78	39	136	68	0.25	546
	313	1.85	1	70	70	130	130	0.22	581
Total	313	1.37½	6	695	116	954	159	2.21	430
Spinners, mule	313	1.37½	17	1,361	80	1,872	110	4.35	431
	313	1.56½	13	2,338	180	3,656	281	7.47	489
Total	313	1.49½	30	3,699	123	5,528	184	11.82	468
Spoolers	313	.60½	4	129	32	78	20	0.41	189
	313	.80½	14	2,022	144	1,753	125	6.46	271
	313	1.00	1	107	107	107	107	0.34	313
Total	313	.86	19	2,258	119	1,938	102	7.21	269
Teamster	313	1.50	1	275	275	413	413	0.88	470
Twisters	313	.75	2	431	216	328	164	1.38	238
	313	1.00	2	173	87	169	85	0.55	306
Total	313	.82½	4	604	151	497	124	1.93	258
Washers	313	1.25	4	399	100	499	125	1.27	391
Waste hands	313	1.00	2	507	254	508	254	1.62	314
	313	1.10	2	129	65	142	71	0.41	345
	313	1.15	1	264	264	298	298	0.84	353
Total	313	1.05½	5	900	180	948	190	2.87	330
Watchmen	365	1.60	3	364	121	583	194	1.00	585
Weavers	313	1.09½	7	822	117	901	129	2.63	343
	313	1.32	22	2,679	122	3,540	161	8.56	414
	313	1.54	48	8,498	177	13,093	273	27.15	482
	313	1.76½	12	2,597	216	4,579	382	8.30	552
	313	2.07½	2	400	200	829	415	1.28	649
	313	2.22	1	281	281	624	624	0.90	695
	313	2.51	1	114	114	286	286	0.36	785
Total	313	1.55	93	15,391	165	23,852	256	49.18	485

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. 7—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Winder	313	$0.75	1	290	290	$218	$218	0.93	$235
Yarn carriers	313	1.50	2	309	155	463	232	0.99	469
The establishment	.....	1.35½	324	51,887	160	a 70,429	217	165.61	425

ESTABLISHMENT No. 8.

Burlers	313	$0.70	3	87	29	$63	$21	0.28	$227
	313	.75	12	1,685	140	1,263	105	5.38	235
	313	.80	1	168	168	133	133	0.54	248
Total	313	.75	16	1,940	121	1,459	91	6.20	235
Card feeders	313	.80	9	804	89	643	71	2.57	250
Card strippers	313	1.00	2	488	244	488	244	1.56	313
Carpenters	313	1.50	2	44	22	66	33	0.14	470
	313	2.00	1	2	2	4	4	0.01	626
Total	313	1.52	3	46	15	70	23	0.15	476
Drawers-in	313	1.00	3	318	106	313	104	1.02	308
Dressers	313	1.75	3	379	126	663	221	1.21	548
Driers	313	1.00	3	291	97	291	97	0.93	313
Dyer	313	1.25	1	301	301	376	376	0.96	391
Filling carriers	313	.70	1	38	38	26	26	0.12	214
	313	.75	2	65	33	49	25	0.21	236
Total	313	.73	3	103	34	75	25	0.33	228
Firemen	313	1.25	2	254	127	316	158	0.81	389
Fuller	313	1.35	1	326	326	440	440	1.04	422
Giggers	313	1.25	2	413	207	508	254	1.32	385
Handers-in	313	.50	4	46	12	23	6	0.15	157
Loom fixers	313	1.50	1	25	25	38	38	0.08	476
	313	1.85	1	271	271	502	502	0.87	580
	313	2.00	1	300	300	599	599	0.96	625
Total	313	1.91	3	596	199	1,139	380	1.91	598
Machinist	313	2.30	1	313	313	720	720	1.00	720
Overseer, carding department	313	2.25	1	376	376	847	847	1.20	705
Overseer, dyeing room	313	2.00	1	307	307	613	613	0.98	625
Overseers, finishing department.	313	1.85	1	328	328	607	607	1.05	579
	313	2.25	1	101	101	228	228	0.32	707
Total	313	1.94½	2	429	215	835	418	1.37	609
Overseer, spinning department	313	2.39½	1	319	319	764	764	1.02	750
Overseer, weaving department	313	2.50	1	305	305	763	763	0.97	783
Picking-room hand	313	1.25	1	264	264	330	330	0.84	391
Press hand	313	1.50	1	307	307	460	460	0.98	469
Second hand	313	1.50	1	380	380	569	569	1.21	469
Sewers-in	313	.80	1	248	248	200	200	0.79	252
	313	.85	3	323	108	275	92	1.03	266
	313	.90	3	303	101	268	89	0.97	277
Total	313	.85	7	874	125	743	106	2.79	266

a The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. 8—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Spinners, mule	313	$1.41½	6	402	67	$569	$95	1.28	$443
	313	1.61½	6	1,411	235	2,282	380	4.51	506
	313	1.91	1	11	11	21	21	0.04	598
Total	313	1.57½	13	1,824	140	2,872	221	5.83	493
Spoolers	313	.64	6	475	79	304	51	1.52	200
	313	.83	5	729	146	604	121	2.33	259
Total	313	.75½	11	1,204	109	908	83	3.85	236
Teamster	313	1.25	1	279	279	349	349	0.89	392
Watchman	365	1.50	1	357	357	536	536	0.98	548
Weavers	313	.60	2	25	13	15	8	0.08	188
	313	.98	9	926	103	909	101	2.96	307
	313	1.22½	7	474	68	581	83	1.51	384
	313	1.49½	19	1,654	87	2,470	130	5.28	467
	313	1.66½	22	2,715	123	4,518	205	8.67	521
	313	1.91	6	458	76	875	146	1.46	598
Total	313	1.50	65	6,252	96	9,368	144	19.96	469
Yard hands	313	1.25	2	336	168	420	210	1.07	391
The establishment	.....	1.36½	165	20,431	124	a 27,901	169	65.10	429

ESTABLISHMENT No. 12.

Burlers	156	$0.70	1	52	52	$36	$36	0.33	$108
	156	.75	1	132	132	99	99	0.85	117
Total	156	.73½	2	184	92	135	68	1.18	114
Carders	156	.65	4	273	68	177	44	1.75	101
	156	.75	5	535	107	400	80	3.43	117
	156	1.25	2	263	132	328	164	1.69	195
Total	156	.84½	11	1,071	97	905	82	6.87	132
Carpenter	156	2.12½	1	152	152	324	324	0.97	333
Designers	156	1.55	2	20	10	31	16	0.13	242
	156	2.00	1	156	156	312	312	1.00	312
Total	156	1.95	3	176	59	343	114	1.13	304
Drawer-in	156	1.25	1	122	122	153	153	0.78	196
Dressers	156	1.65	1	126	126	208	208	0.81	258
	156	2.00	1	137	137	275	275	0.88	313
Total	156	1.83⅓	2	263	132	483	242	1.69	286
Dyers	156	1.20	6	802	134	963	161	5.14	187
Engineer	156	2.66⅔	1	156	156	416	416	1.00	416
Filling carrier	156	1.46⅔	1	137	137	201	201	0.88	229
Fireman	156	1.25	1	156	156	195	195	1.00	195
Fuller	156	1.20	1	133	133	159	159	0.85	186
Giggers	156	1.00	3	350	117	350	117	2.24	156
	156	1.10	2	265	133	289	145	1.70	170
	156	1.20	1	26	26	31	31	0.17	186
Total	156	1.04½	6	641	107	670	112	4.11	163

a The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. 12—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Hander-in	156	$0.50	1	136	136	$68	$68	0.87	$78
Loom fixers	156	1.85	1	137	137	254	254	0.88	289
	156	2.00	1	137	137	274	274	0.88	312
Total	156	1.92½	2	274	137	528	264	1.76	301
Machinist	156	2.25	1	143	143	323	323	0.92	352
Overseer, carding department	156	3.10	1	133	133	413	413	0.85	484
Overseer, dyeing room	156	3.00	1	135	135	405	405	0.87	468
Overseer, finishing department	156	3.25	1	134	134	435	435	0.86	506
Overseer, sorting room	156	2.25	1	129	129	290	290	0.83	351
Overseer, spinning department	156	2.37½	1	134	134	317	317	0.86	369
Overseer, weaving department	156	2.75	1	137	137	377	377	0.88	429
Packers	156	1.10	1	10	10	11	11	0.06	172
	156	1.50	1	134	134	201	201	0.86	234
Total	156	1.47	2	144	72	212	106	0.92	230
Pickers	156	1.00	1	131	131	131	131	0.84	156
	156	1.25	1	128	128	160	160	0.82	195
Total	156	1.12½	2	259	130	291	146	1.66	175
Press hands	156	1.25	1	121	121	151	151	0.78	195
	156	1.30	2	268	134	348	174	1.72	203
Total	156	1.28½	3	389	130	499	166	2.50	200
Scourer	156	1.35	1	135	135	182	182	0.87	210
Second hands	156	1.40	2	266	133	372	186	1.71	218
	156	1.85	1	133	133	246	246	0.85	289
Total	156	1.55	3	399	133	618	206	2.56	242
Sewers-in	156	.90	2	124	62	113	57	0.79	142
Shearer	156	1.25	1	132	132	163	163	0.85	193
Sorters	156	1.76½	2	167	84	295	148	1.07	276
Spinners, mule	156	1.09	3	327	109	356	119	2.10	170
	156	1.40½	7	617	88	866	124	3.96	219
	156	1.52½	1	131	131	200	200	0.84	238
Total	156	1.32½	11	1,075	98	1,422	129	6.90	206
Spoolers	156	.88½	5	410	82	362	72	2.63	138
Sweeper	156	1.20	1	131	131	158	158	0.84	188
Teamster	156	1.66½	1	156	156	260	260	1.00	260
Watchman	182	1.50	1	182	182	273	273	1.00	273
Weavers	156	1.18	3	77	26	91	30	0.49	184
	156	1.52½	13	1,503	116	2,297	177	9.67	238
	156	1.67	20	2,536	127	4,231	212	16.26	260
	156	1.88	2	271	136	509	255	1.74	293
Total	156	1.62½	38	4,392	116	7,128	188	28.16	253
The establishment	-------	1.49½	119	13,443	113	a 20,079	169	86.05	233

a The earnings shown here, and for this establishment on page 144, although for the same length of time, are for different periods.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. 15—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Carders	313	$0.66½	14	1,110	79	$740	$53	3.55	$209
	313	.83½	3	782	261	655	218	2.50	262
Total	313	.73½	17	1,892	111	1,395	82	6.05	231
Carpenter	313	1.50	1	84	84	126	126	0.27	470
Dressers	313	1.75	1	307	307	537	537	0.98	547
	313	2.00	1	307	307	613	613	0.98	625
Total	313	1.87½	2	614	307	1,150	575	1.96	586
Driers	313	1.00	1	304	304	304	304	0.97	313
	313	1.25	1	85	85	106	106	0.27	390
Total	313	1.05½	2	389	195	410	205	1.24	330
Dyer	313	1.72	1	341	341	586	586	1.09	538
Engineer	313	1.53	1	293	293	449	449	0.94	480
Finishers	313	1.50	2	543	272	808	404	1.73	466
Laborers	313	1.25	1	154	154	193	193	0.49	392
	313	1.33½	2	312	156	423	212	1.00	424
	313	1.50	1	308	308	462	462	0.98	470
Total	313	1.39½	4	774	194	1,078	270	2.47	436
Loom fixer	313	1.87½	1	303	303	568	568	0.97	587
Overseer, carding department	313	2.75	1	319	319	877	877	1.02	861
Overseer, sorting room	313	2.50	1	310	310	775	775	0.99	783
Overseer, spinning department	313	2.50	1	326	326	816	816	1.04	783
Overseer, weaving department	313	2.75	1	312	312	857	857	1.00	860
Picker	313	1.33½	1	296	296	394	394	0.95	417
Scourer	313	1.70	1	304	304	518	518	0.97	533
Second hand	313	1.60	1	302	302	482	482	0.96	500
Shearer and watchman	365	1.36½	1	343	343	469	469	0.94	499
Sorters	313	1.40	1	156	156	218	218	0.50	437
	313	1.95	2	605	303	1,179	590	1.93	610
Total	313	1.83½	3	761	254	1,397	466	2.43	575
Spinners, mule	313	(a)	8	(a)	(a)	2,919	365	(a)	(a)
Spoolers	313	.95	6	958	160	912	152	3.06	298
Watchman	365	1.45	1	363	363	526	526	0.99	529
Weavers	313	1.06½	21	4,706	224	5,014	239	15.04	333
The establishment		(b)	78	(b)	(b)	c22,526	289	(b)	(b)

ESTABLISHMENT No. 16.

Blacksmith and engineer	156	$1.99½	1	175	175	$349	$349	1.12	$311
Brushers	156	.60	2	187	94	113	57	1.20	94
Burlers	156	.93½	4	598	150	558	140	3.83	146
Card strippers	156	1.50	3	447	149	670	223	2.87	234
Carders	156	.75	1	152	152	114	114	0.97	117
	156	1.00	1	151	151	151	151	0.97	156
	156	1.53½	3	429	143	659	220	2.75	240
Total	156	1.26	5	732	146	924	185	4.69	197

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.
c The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. 16—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Carpenter	156	$2.11	1	155	155	$330	$330	0.99	$332
Cleaner	156	1.12½	1	147	147	168	168	0.94	178
Designer	156	3.61	1	152	152	549	549	0.97	563
Drawers-in	156	.50	1	148	148	74	74	0.95	78
	156	.60	1	138	138	83	83	0.88	94
	156	.68	1	139	139	92	92	0.89	103
Total	156	.58⅓	3	425	142	249	83	2.72	91
Drier	156	1.50	1	152	152	228	228	0.97	234
Dyeing-room hands	156	1.35	8	1,206	151	1,627	203	7.73	210
	156	1.50	2	305	153	457	229	1.96	234
Total	156	1.38	10	1,511	151	2,084	208	9.69	215
Dyeing-room hand and watchman	182	1.30	1	178	178	231	231	0.98	236
Engineer	156	3.50	1	153	153	534	534	0.98	544
Fireman	182	1.75	1	182	182	319	319	1.00	319
Fullers	156	1.35	2	221	111	299	150	1.42	211
	156	1.66⅔	1	173	173	286	286	1.11	258
Total	156	1.48½	3	394	131	585	195	2.53	232
Giggers	156	.66⅔	1	149	149	103	103	0.96	108
	156	1.25	2	296	148	370	185	1.90	195
	156	1.35	1	135	135	182	182	0.87	210
	156	1.50	2	300	150	450	225	1.92	234
	156	1.66⅔	1	138	138	230	230	0.88	260
Total	156	1.31	7	1,018	145	1,335	191	6.53	205
Laborers	156	.66⅔	2	318	159	205	103	2.04	101
	156	.81	1	117	117	95	95	0.75	127
	156	.92	1	143	143	132	132	0.92	144
	156	1.00	1	132	132	132	132	0.85	156
	156	1.35	1	162	162	221	221	1.04	213
Total	156	.90	6	872	145	785	131	5.60	140
Loom fixers	156	2.00	1	156	156	312	312	1.00	312
	156	2.25	3	459	153	1,032	344	2.94	351
Total	156	2.18½	4	615	154	1,344	336	3.94	341
Machinist	156	1.68	1	152	152	255	255	0.97	262
Overseer, carding department	156	4.00	1	152	152	606	606	0.97	622
Overseer, dyeing room	156	3.00	1	152	152	455	455	0.97	467
Overseer, finishing department	156	4.00	1	152	152	606	606	0.97	622
Overseer, spinning department	156	3.00	1	152	152	455	455	0.97	467
Overseer, weaving department	156	3.00	1	152	152	455	455	0.97	467
Picking-room hands	156	1.25	1	14	14	18	18	0.09	201
	156	1.35	1	145	145	196	196	0.93	211
	156	1.66½	1	152	152	252	252	0.97	259
Total	156	1.50	3	311	104	466	155	1.99	234
Piecers	156	.50	10	1,077	108	549	55	6.90	80
	156	.66⅔	7	947	135	630	90	6.07	104
	156	.83½	1	141	141	117	117	0.90	129
Total	156	.60	18	2,165	120	1,296	72	13.87	93

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. 16—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Press hand	156	$1.50	1	77	77	$116	$116	0.49	$235
Scourers	156	1.50	2	300	150	450	225	1.92	234
Scrubber	156	1.25	1	147	147	184	184	0.94	195
Second hands	156	1.35	2	246	123	334	167	1.58	212
	156	1.50	1	161	161	241	241	1.03	234
	156	1.75	1	151	151	264	264	0.97	273
Total	156	1.50½	4	558	140	839	210	3.58	235
Shearers	156	.83⅓	1	155	155	134	134	0.99	135
	156	1.50	1	145	145	217	217	0.93	233
	156	1.75	1	152	152	266	266	0.97	273
Total	156	1.36⅓	3	452	151	617	206	2.89	213
Sorters	156	1.90	1	152	152	289	289	0.97	297
	156	2.46⅔	1	142	142	350	350	0.91	385
	156	2.77	3	451	150	1,250	417	2.89	432
Total	156	2.53⅓	5	745	149	1,889	378	4.77	396
Speckers	156	.60	1	149	149	91	91	0.96	95
	156	.83	2	248	124	206	103	1.59	130
Total	156	.75	3	397	132	297	99	2.55	117
Spinners	156	1.80	3	296	99	533	178	1.90	281
	156	2.10	1	105	105	221	221	0.67	328
Total	156	1.88	4	401	100	754	189	2.57	293
Spoolers	156	.69	7	1,000	143	691	99	6.41	108
	156	1.00	1	152	152	152	152	0.97	156
Total	156	.73	8	1,152	144	843	105	7.38	114
Twisters	156	.50	3	256	85	135	45	1.64	82
	156	.60	2	299	150	171	86	1.92	89
	156	.66⅔	1	149	149	99	99	0.96	104
	156	.68	1	140	140	95	95	0.90	106
Total	156	.59	7	844	121	500	71	5.42	92
Warpers	156	1.12½	1	152	152	171	171	0.97	176
	156	1.50	1	148	148	221	221	0.95	233
	156	1.75	1	157	157	275	275	1.01	273
	156	2.16½	1	150	150	324	324	0.96	337
Total	156	1.63½	4	607	152	991	248	3.89	255
Washers	156	1.50	2	180	90	278	139	1.15	241
	156	1.60½	1	151	151	242	242	0.97	250
	156	1.92	1	48	48	93	93	0.31	302
Total	156	1.61⅓	4	379	95	613	153	2.43	252
Watchman	182	1.50	1	181	181	272	272	0.99	274
Weavers	156	1.10	8	847	106	931	116	5.43	171
	156	1.29½	26	3,333	128	4,308	166	21.37	202
	156	1.51	25	3,470	139	5,240	210	22.24	236
	156	1.70	3	409	136	696	232	2.62	265
	156	1.96	2	303	152	594	297	1.94	306
	156	2.52	2	303	152	763	382	1.94	393
Total	156	1.44⅓	66	8,665	131	12,532	190	55.54	226
The establishment	.....	1.39½	195	26,386	135	a 36,846	189	168.59	219

a The earnings here shown are for six months only. The statement for this establishment on page 144 is for one year.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. 21.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Blacksmiths	313	$1.75	1	185	185	$324	$324	0.59	$548
	313	2.00	1	124	124	249	249	0.40	629
Total	313	1.85½	2	309	155	573	287	0.99	580
Brushers	313	.65	1	308	308	200	200	0.98	203
	313	.92	1	309	309	285	285	0.99	289
Total	313	.78½	2	617	309	485	243	1.97	246
Burlers	313	.50	19	1,741	92	872	46	5.56	157
	313	.54	24	4,606	192	2,505	104	14.72	170
	313	.58½	6	1,299	217	750	125	4.15	181
Total	313	.54	49	7,646	156	4,127	84	24.43	169
Card feeders	313	.66⅔	2	596	298	397	199	1.90	208
	313	.70	1	159	159	111	111	0.51	219
Total	313	.67½	3	755	252	508	169	2.41	211
Card grinder	313	1.50	1	303	303	454	454	0.97	469
Carders	313	.50	10	328	33	165	17	1.05	157
	313	.58½	14	2,000	143	1,164	83	6.39	182
	313	.66⅔	5	418	84	278	56	1.34	208
Total	313	.58½	29	2,746	95	1,607	55	8.78	183
Carpenters	313	1.25	1	81	81	101	101	0.26	390
	313	1.50	1	302	302	453	453	0.96	470
	313	1.69½	1	212	212	359	359	0.68	530
	313	1.75	1	295	295	516	516	0.94	547
Total	313	1.60½	4	890	223	1,429	357	2.84	503
Chain maker	313	.66⅔	2	49	25	32	16	0.16	204
	313	.80	1	160	160	128	128	0.51	250
Total	313	.76⅔	3	209	70	160	53	0.67	240
Cleaners	313	1.23	3	923	308	1,154	385	2.95	391
Cloth carriers	313	1.00	3	250	83	251	84	0.80	314
Cloth inspectors	313	.54	1	290	290	156	156	0.93	168
	313	.58½	2	572	286	328	164	1.83	179
	313	.66⅔	2	413	207	270	135	1.32	205
Total	313	.59	5	1,275	255	754	151	4.08	185
Designers	313	2.00	1	302	302	604	604	0.96	626
	313	4.79	1	313	313	1,500	1,500	1.00	1,500
Total	313	3.42	2	615	308	2,104	1,052	1.96	1,071
Doffers	313	.50	8	704	88	352	44	2.25	157
Drawers-in	313	.75	3	477	159	361	120	1.52	237
	313	.90	3	858	286	774	258	2.74	282
	313	1.00	3	872	291	872	291	2.79	313
Total	313	.91	9	2,207	245	2,007	223	7.05	285
Dressers	313	.96	1	172	172	165	165	0.55	300
	313	1.50	1	302	302	453	453	0.96	470
	313	1.75	6	1,786	298	3,126	521	5.71	548
Total	313	1.65½	8	2,260	283	3,744	468	7.22	519

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. 21—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Dressing-room hand	313	$1.30	1	312	312	$405	$405	1.00	$406
Driers	313	.75	2	657	329	498	249	2.10	.237
	313	1.12½	10	1,586	159	1,785	179	5.07	.352
Total	313	1.02	12	2,243	187	2,283	190	7.17	319
Dyers	313	1.12½	27	2,245	83	2,527	94	7.17	352
	313	1.25	2	312	156	385	193	1.00	386
	313	1.57	1	185	185	290	290	0.59	491
Total	313	1.17	30	2,742	91	3,202	107	8.76	366
Filling carriers	313	.75	1	303	303	227	227	0.97	234
	313	1.00	2	308	154	308	154	0.98	313
	313	1.12½	3	339	113	376	125	1.08	347
	313	1.37½	1	290	290	399	399	0.93	431
	313	1.50	1	307	307	461	461	0.98	470
Total	313	1.14½	8	1,547	193	1,771	221	4.94	358
Fireman	313	1.50	1	340	340	509	509	1.09	469
Fullers	313	1.12½	16	2,331	146	2,623	164	7.45	.352
	313	1.25	1	347	347	434	434	1.11	391
Total	313	1.14	17	2,678	158	3,057	180	8.56	357
Giggers	313	1.12½	10	1,986	199	2,234	223	6.35	352
	313	1.25	1	297	297	371	371	0.95	391
	313	2.00	1	275	275	550	550	0.88	626
Total	313	1.23½	12	2,558	213	3,155	263	8.18	386
Handers-in	313	.41½	12	1,812	151	755	63	5.79	130
	313	.46	4	980	245	432	108	3.13	138
Total	313	.42½	16	2,792	175	1,187	74	8.92	133
Harness hands	313	.90	1	306	306	275	275	0.98	281
	313	1.12½	1	312	312	349	349	1.00	350
Total	313	1.01	2	618	309	624	312	1.98	316
Laborers	313	1.00	1	303	303	303	303	0.97	313
	313	1.25	1	307	307	384	384	0.98	392
	313	1.37½	1	293	293	402	402	0.94	429
Total	313	1.20½	3	903	301	1,089	363	2.89	377
Loom fixers	313	1.51	1	352	352	531	531	1.12	472
	313	1.75	3	780	260	1,372	457	2.49	551
	313	1.87½	3	393	131	737	246	1.26	587
	313	2.03	7	2,114	302	4,289	613	6.75	635
Total	313	1.90½	14	3,639	260	6,929	495	11.62	596
Machinists	313	2.12½	1	327	327	696	696	1.04	666
	313	2.50	2	640	320	1,600	800	2.04	783
Total	313	2.37½	3	967	322	2,296	765	3.08	743
Measurer	313	1.00	1	307	307	307	307	0.98	313
Oiler	313	1.25	1	313	313	391	391	1.00	391
Overseer, carding department	313	4.00	1	308	308	1,232	1,232	0.98	1,252
Overseer, dyeing room	313	4.79	1	313	313	1,500	1,500	1.00	1,500

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. 21—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Overseers, finishing department.	313	$2.37½	1	299	299	$710	$710	0.96	$743
	313	2.50	4	976	244	2,439	610	3.12	782
Total	313	2.47	5	1,275	255	3,149	630	4.08	773
Overseer, sorting room	313	3.83⅓	1	313	313	1,200	1,200	1.00	1,200
Overseer, spinning department	313	3.00	1	318	318	953	953	1.02	938
Overseer, spooling department	313	2.50	1	313	313	783	783	1.00	783
Overseer, weaving department	313	3.00	1	308	308	924	924	0.98	939
Packer	313	2.25	1	319	319	717	717	1.02	704
Picking-room hands	313	.66⅔	3	889	296	598	199	2.84	211
	313	.75	4	1,124	281	843	211	3.59	235
	313	1.12½	6	1,358	226	1,528	255	4.34	352
	313	1.24½	1	243	243	302	302	0.78	389
	313	1.50	1	308	308	462	462	0.98	470
Total	313	.95	15	3,922	261	3,733	249	12.53	298
Press hands	313	1.00	1	305	305	305	305	0.97	313
	313	1.12½	1	304	304	342	342	0.97	352
	313	1.25	2	611	306	763	382	1.95	391
Total	313	1.15½	4	1,220	305	1,410	353	3.89	362
Scourers	313	.75	2	158	79	119	60	0.50	236
	313	1.01⅔	1	302	302	307	307	0.96	318
	313	1.12½	3	474	158	534	178	1.51	353
Total	313	1.03	6	934	156	960	160	2.97	322
Second hands	313	1.50	1	382	382	574	574	1.22	470
	313	1.75	1	310	310	543	543	0.99	548
	313	1.87½	2	617	309	1,157	579	1.97	587
	313	2.00	1	303	303	606	606	0.97	626
	313	2.25	1	316	316	710	710	1.01	703
Total	313	1.86	6	1,928	321	3,590	598	6.16	583
Shearers	313	1.12½	2	552	276	621	311	1.76	352
Sorters	313	1.42½	1	278	278	396	396	0.89	446
	313	1.89	6	744	124	1,407	235	2.38	592
	313	1.99	9	1,797	200	3,578	398	5.74	623
Total	313	1.91	16	2,819	176	5,381	336	9.01	597
Speckers	313	.50	25	5,353	214	2,680	107	17.10	157
	313	.54	3	612	204	332	111	1.96	170
Total	313	.50½	28	5,965	213	3,012	108	19.06	158
Spinners	313	.50	4	787	197	394	99	2.51	157
	313	.63½	9	1,729	192	1,101	122	5.52	199
	313	.90½	34	8,399	247	7,619	224	26.83	284
	313	1.19	3	723	241	859	286	2.31	372
Total	313	.85½	50	11,638	233	9,973	199	37.17	268
Spoolers	313	.63	41	5,679	139	3,574	87	18.14	197
	313	.85⅓	4	354	89	302	76	1.13	267
Total	313	.64	45	6,033	134	3,876	86	19.27	201

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. 21—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Stitchers	313	$0.58½	3	601	200	$353	$118	1.92	$184
	313	.62½	2	567	284	350	175	1.81	193
	313	.66½	3	504	168	336	112	1.61	209
	313	.75	16	2,986	187	2,238	140	9.54	235
Total	313	.70½	24	4,658	194	3,277	137	14.88	220
Teamsters	313	1.25	1	196	196	245	245	0.63	391
	313	1.50	1	328	328	492	492	1.05	470
Total	313	1.40½	2	524	262	737	369	1.68	440
Twisters	313	.57	1	297	297	172	172	0.95	181
	313	.66½	1	277	277	181	181	0.88	205
	313	.72½	3	798	266	578	193	2.55	227
	313	.76	6	1,240	207	944	157	3.96	238
	313	.91	1	93	93	85	85	0.30	286
Total	313	.72½	12	2,705	225	1,960	163	8.64	227
Waste pickers	313	.63	3	494	165	312	104	1.58	198
	313	1.12½	1	306	306	344	344	0.98	352
	313	1.25	2	628	314	785	393	2.01	391
Total	313	1.01	6	1,428	238	1,441	240	4.57	316
Watchmen	365	1.50	2	634	317	951	476	1.74	548
Weavers	313	1.10	22	2,715	123	2,990	136	8.67	345
	313	1.31	103	19,340	188	25,353	246	61.79	410
	313	1.50	36	6,161	171	9,235	257	19.68	469
Total	313	1.33	161	28,216	175	37,578	233	90.14	417
Weigher	313	1.50	1	371	371	556	556	1.19	469
Winders	313	.57	2	230	115	131	66	0.73	178
Yard hands	313	1.12½	6	620	103	697	116	1.98	352
	313	1.25	4	977	244	1,243	311	3.12	398
Total	313	1.21½	10	1,597	160	1,940	194	5.10	380
The establishment		1.13	656	122,509	187	a138,499	211	391.11	354

ESTABLISHMENT No. 24.

Burlers	313	$0.62½	43	6,841	159	$4,300	$100	21.86	$197
	313	.75	9	1,620	180	1,241	138	5.18	240
	313	.87½	1	248	248	217	217	0.79	274
	313	1.00	24	5,582	233	5,573	232	17.83	312
Total	313	.79½	77	14,291	186	11,331	147	45.66	248
Carders	313	.47	9	1,512	168	714	79	4.83	148
	313	.54	2	527	264	286	143	1.68	170
	313	.62	3	615	205	386	129	1.96	196
	313	.72	1	274	274	197	197	0.88	225
	313	1.00	10	2,041	204	2,047	205	6.52	314
	313	1.12½	2	527	264	593	297	1.68	352
Total	313	.77	27	5,496	204	4,223	156	17.55	241

a The earnings here shown include $3,735 paid for finishing for another mill, which is not included in the statement for this establishment on page 144.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. 24—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Cloth inspector	313	$1.62½	1	265	265	$431	$431	0.85	$509
Designers	313	1.61½	1	265	265	428	428	0.85	506
	313	1.96	1	238	238	467	467	0.76	614
Total	313	1.78	2	503	252	895	448	1.61	557
Drawers-in	313	(a)	3	(a)	(a)	897	299	(a)	(a)
Dressers	313	1.50	2	537	269	806	403	1.72	470
Dyers	313	1.00	1	265	265	265	265	0.85	313
	313	1.12½	8	2,071	259	2,336	292	6.62	353
	313	1.25	1	249	249	311	311	0.80	391
Total	313	1.12½	10	2,585	259	2,912	291	8.27	353
Engineer	313	1.75	1	292	292	510	510	0.93	547
Filling carriers	313	.87½	1	265	265	232	232	0.85	274
	313	1.00	1	270	270	270	270	0.86	313
Total	313	.94	2	535	268	502	251	1.71	294
Finishers	313	.62½	1	276	276	172	172	0.88	195
	313	1.00	2	492	246	505	253	1.57	321
	313	1.12½	1	274	274	310	310	0.88	354
	313	1.25	5	287	57	359	72	0.92	392
	313	1.40	1	5	5	7	7	0.02	438
	313	1.50	1	272	272	408	408	0.87	470
	313	1.75	1	272	272	477	477	0.87	549
Total	313	1.19	12	1,878	157	2,238	187	6.01	373
Firemen	313	1.25	3	307	102	383	128	0.98	390
Foreman, repairers	313	3.19½	1	313	313	1,000	1,000	1.00	1,000
Fullers	313	.87½	1	215	215	188	188	0.69	274
	313	1.12½	4	879	220	993	248	2.81	354
	313	1.25	1	268	268	335	335	0.86	391
	313	2.00	1	254	254	509	509	0.81	627
Total	313	1.25½	7	1,616	231	2,025	289	5.17	392
Gasman	313	1.25	1	120	120	151	151	0.38	394
Giggers	313	.62½	2	240	120	150	75	0.77	196
	313	1.00	6	962	160	965	161	3.07	314
	313	1.75	1	267	267	467	467	0.85	547
Total	313	1.07½	9	1,469	163	1,582	176	4.69	337
Harness hands	313	.75	2	557	279	418	209	1.78	235
Laborers	313	.62½	1	299	299	187	187	0.96	196
	313	.80	1	270	270	216	216	0.86	250
	313	.87½	1	286	286	250	250	0.91	274
	313	1.25	1	261	261	326	326	0.83	391
Total	313	.87½	4	1,116	279	979	245	3.56	275
Loom fixers	313	2.25	7	1,049	150	2,360	337	3.35	704
Masons	313	3.25	4	37	9	121	30	0.12	1,024
Overseer, carding department	313	4.50	1	285	285	1,284	1,284	0.91	1,410
Overseer, dressing room	313	2.00	1	263	263	527	527	0.84	627
Overseer, dyeing room	313	5.00	1	276	276	1,380	1,380	0.88	1,565

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. 24—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Overseer, finishing department	313	$5.00	1	266	266	$1,328	$1,328	0.85	$1,563
Overseer, sorting room	313	3.50	1	312	312	1,092	1,092	1.00	1,096
Overseer, spinning department	313	3.00	1	280	280	840	840	0.89	989
Overseers, weaving department	313	2.50	1	300	300	750	750	0.96	783
	313	3.00	1	282	282	847	847	0.90	940
Total	313	2.74½	2	582	291	1,597	799	1.86	859
Repairers	313	1.25	13	633	49	790	61	2.02	391
	313	1.37½	1	277	277	381	381	0.88	431
	313	1.50	1	299	299	448	448	0.96	469
	313	1.75	1	287	287	503	503	0.92	549
	313	2.00	7	953	136	1,905	272	3.04	626
	313	2.25	2	392	196	882	441	1.25	704
Total	313	1.73	25	2,841	114	4,909	196	9.07	541
Scrubber	313	.86½	1	15	15	13	13	0.05	271
Second hands	313	1.37½	1	275	275	377	377	0.88	429
	313	1.50	2	531	266	796	398	1.70	469
	313	1.62½	1	279	279	453	453	0.89	508
Total	313	1.50	4	1,085	271	1,626	407	3.47	469
Sorters	313	(a)	6	(a)	(a)	2,847	475	(a)	(a)
Spinners, frame	313	.55	10	2,067	207	1,137	114	6.60	172
	313	.70	1	63	63	44	44	0.20	219
	313	1.00	1	276	276	276	276	0.88	313
Total	313	.60½	12	2,406	201	1,457	121	7.68	190
Spinners, mule	313	(a)	23	(a)	(a)	4,474	195	(a)	(a)
Spoolers	313	(a)	9	(a)	(a)	1,796	200	(a)	(a)
Teamster	313	1.25	1	25	25	31	31	0.08	388
Teamster and watchman	365	1.35	1	371	371	501	501	1.02	493
Watchmen	365	1.20	4	496	124	598	150	1.36	440
Weavers	313	(a)	78	(a)	(a)	20,100	258	(a)	(a)
Winders	313	.70	16	1,432	90	1,006	63	4.58	220
The establishment		(b)	363	(b)	(b)	c81,170	224	(b)	(b)

ESTABLISHMENT No. 26.

Burlers	162	$0.75	6	559	93	$418	$70	3.45	$121
Carders	162	.60	10	825	83	497	50	5.09	98
Chain maker	162	1.50	1	159	159	238	238	0.98	242
Cleaners	162	1.12½	1	147	147	165	165	0.91	182
	162	1.25	1	146	146	182	182	0.90	202
Total	162	1.18½	2	293	147	347	174	1.81	192
Designer	162	3.87½	1	162	162	628	628	1.00	628
Drawers-in	162	.64½	2	155	78	100	50	0.96	105
	162	1.20½	2	284	142	342	171	1.75	195
Total	162	1.00½	4	439	110	442	111	2.71	163

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.
c Includes $2,015 expended for permanent improvements, which could not be eliminated from the different occupations given above.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. 26—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Drier	162	$0.65	1	142	142	$92	$92	0.88	$105
Dyeing-room hands	162	.60	1	121	121	72	72	0.75	96
	162	.80	2	150	75	122	61	0.93	132
	162	1.12½	1	149	149	167	167	0.92	182
	162	1.25	3	301	100	376	125	1.86	202
Total	162	1.02	7	721	103	737	105	4.46	166
Filling-carriers	162	.75	1	146	146	110	110	0.90	122
	162	1.25	1	156	156	195	195	0.96	203
Total	162	1.01	2	302	151	305	153	1.86	164
Fireman	162	1.25	1	149	149	186	186	0.92	202
Fullers	162	1.25	1	158	158	199	199	0.98	204
	162	1.75	1	157	157	275	275	0.97	284
Total	162	1.50½	2	315	158	474	237	1.95	244
Gigger	162	1.31½	1	158	158	208	208	0.98	213
Loom-fixers	162	1.50	2	206	103	314	157	1.27	247
	162	2.12½	1	156	156	330	330	0.96	343
Total	162	1.78	3	362	121	644	215	2.23	288
Machinists	162	1.37½	1	161	161	220	220	0.99	221
	162	2.50	1	162	162	405	405	1.00	405
Total	162	1.93½	2	323	162	625	313	1.99	313
Overseer, carding department	162	3.00	1	162	162	486	486	1.00	486
Overseer, dyeing room	162	3.00	1	162	162	486	486	1.00	486
Overseer, finishing department	162	3.00	1	162	162	486	486	1.00	486
Overseer, sorting room	162	2.25	1	162	162	365	365	1.00	365
Overseer, spinning department	162	2.50	1	162	162	405	405	1.00	405
Overseer, twisting department	162	2.00	1	162	162	324	324	1.00	324
Overseer, warping department	162	2.12½	1	162	162	344	344	1.00	344
Overseers, weaving department	162	2.50	1	48	48	120	120	0.30	405
	162	3.00	1	96	96	288	288	0.59	486
Total	162	2.83½	2	144	72	408	204	0.89	459
Picking-room hands	162	.80	1	132	132	104	104	0.81	128
	162	1.12½	1	129	129	145	145	0.80	182
Total	162	.95½	2	261	131	249	125	1.61	155
Press hand	162	.60	1	121	121	73	73	0.75	98
Second hands	162	1.37½	1	144	144	198	198	0.89	223
	162	1.50	1	157	157	235	235	0.97	242
	162	1.62½	1	130	130	211	211	0.80	263
Total	162	1.49½	3	431	144	644	215	2.66	242
Sewers-in	162	.60	5	586	117	352	70	3.62	97
	162	.70	3	378	126	264	88	2.33	113
	162	.80	1	147	147	118	118	0.91	130
	162	1.00	5	352	76	376	75	2.36	159
	162	1.25	2	76	38	95	48	0.47	203
Total	162	.77	16	1,569	98	1,205	75	9.69	124

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. 26—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Shearer	162	$1.00	1	154	154	$154	$154	0.95	$162
Sorters	162	1.63	3	410	137	669	223	2.53	264
Speckers	162	.67½	6	343	57	231	39	2.12	109
Spinners, mule	162	.68½	3	355	118	243	81	2.19	111
	162	.98½	5	682	136	671	134	4.21	159
Total	162	.88	8	1,037	130	914	114	6.40	143
Spoolers	162	.77	5	718	144	553	111	4.43	125
	162	1.06½	2	288	144	306	153	1.78	172
Total	162	.85½	7	1,006	144	859	123	6.21	138
Twisters	162	.63	10	950	95	597	60	5.86	102
Warper	162	1.50	1	135	135	200	200	0.83	240
Watchmen	189	1.37½	2	372	186	511	256	1.97	260
Weavers	162	1.28½	13	1,105	85	1,422	109	6.82	208
	162	1.49	13	1,153	89	1,717	132	7.12	241
	162	1.72	7	924	132	1,591	227	5.70	279
Total	162	1.48½	33	3,182	96	4,730	143	19.64	241
The establishment	.....	1.25	145	16,158	111	a 20,181	139	99.42	203

ESTABLISHMENT No. 34.

Burlers	313	$0.66½	15	2,279	152	$1,516	$101	7.28	$208
Card feeders	313	1.00	7	1,254	179	1,255	179	4.01	313
Card feeders and piecers	313	.78½	2	539	270	424	212	1.72	246
Card strippers	313	1.25	4	658	165	821	205	2.10	391
	313	1.50	2	540	270	813	407	1.73	471
Total	313	1.36½	6	1,198	200	1,634	272	3.83	427
Carpenters	313	2.00	1	37	37	75	75	0.12	634
	313	2.25	1	288	288	648	648	0.92	704
Total	313	2.22½	2	325	163	723	362	1.04	696
Cloth inspector	313	1.50	1	266	266	393	393	0.85	462
Doffers	313	.70	2	414	207	288	144	1.32	218
	313	.83½	1	246	246	208	208	0.79	265
	313	.87½	1	263	263	228	228	0.84	271
	313	1.00	2	460	230	460	230	1.47	313
Total	313	.85½	6	1,383	231	1,184	197	4.42	268
Drawers-in	313	.66½	1	250	250	163	163	0.80	204
	313	.83½	1	253	253	211	211	0.81	261
Total	313	.74½	2	503	252	374	187	1.61	233
Dyeing-room hands	313	1.25	9	2,200	244	2,749	305	7.03	391
Engineer	313	1.83⅓	1	280	280	513	513	0.89	573
Fireman	313	1.16⅔	1	294	294	344	344	0.94	366
Fuller	313	1.33⅓	1	269	269	359	359	0.86	418
Giggers	313	1.25	2	550	275	667	334	1.76	380
Handers-in	313	.50	3	489	163	245	82	1.56	157

a The earnings here shown are for twenty-seven weeks. The statement for this establishment on page 144 is for twenty-six weeks and two days only.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. 34—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Laborers	313	$0.50	3	535	178	$267	$89	1.71	$156
	313	1.25	5	153	31	192	38	0.49	393
	313	1.50	1	4	4	6	6	0.01	470
Total	313	.67	9	692	77	465	52	2.21	210
Loom fixers	313	2.00	4	884	221	1,769	442	2.82	626
Measurer	313	1.83½	1	262	262	482	482	0.84	576
Overseer, carding department	313	3.00	1	311	311	932	932	0.99	938
Overseer, dyeing room	313	3.33⅓	1	300	300	1,000	1,000	0.96	1,043
Overseer, finishing department	313	3.00	1	286	286	858	858	0.91	939
Overseers, weaving department	313	3.00	1	240	240	719	719	0.77	938
	313	3.33½	1	297	297	973	973	0.95	1,025
Total	313	3.15	2	537	269	1,692	846	1.72	986
Packers	313	1.25	2	390	195	488	244	1.25	392
Pickers	313	2.78½	2	276	138	769	385	0.88	872
Piecers	313	.50	20	3,311	166	1,676	84	10.58	158
Second hand	313	1.50	1	244	244	356	356	0.78	457
Sewer-in	313	.83½	1	243	243	202	202	0.78	260
Shearers	313	1.00	1	252	252	252	252	0.81	313
	313	1.25	1	102	102	127	127	0.33	390
Total	313	1.07	2	354	177	379	190	1.14	335
Spinners, mule	313	1.66⅔	1	243	243	405	405	0.78	522
	313	2.50	1	297	297	742	742	0.95	782
Total	313	2.12½	2	540	270	1,147	574	1.73	665
Spoolers	313	.93	4	529	132	491	123	1.69	291
	313	1.09	2	462	231	504	252	1.48	341
	313	1.30	1	10	10	13	13	0.03	407
Total	313	1.00⅓	7	1,001	143	1,008	144	3.20	315
Teamsters	313	1.50	4	907	227	1,359	340	2.90	469
Twisters	313	.61	3	418	139	255	85	1.34	191
	313	1.25	3	537	179	671	224	1.72	391
Total	313	.97	6	955	159	926	154	3.06	303
Warpers	313	2.22½	2	498	249	1,109	555	1.59	697
Washer	313	1.50	1	266	266	399	399	0.85	470
Watchmen	365	1.43	2	733	367	1,047	524	2.01	521
Weavers	313	1.69	4	157	39	265	66	0.50	528
	313	1.92½	14	2,688	192	5,173	370	8.59	602
	313	2.04	31	5,985	193	12,221	394	19.12	639
Total	313	2.00	49	8,830	180	17,659	360	28.21	626
The establishment		1.43	178	33,649	189	48,102	270	107.21	449

ESTABLISHMENT No. 36.

Burlers	72	$0.41½	1	12	12	$5	$5	0.17	$30
	72	.50	6	287	48	143	24	3.99	36
	72	.58½	2	130	65	76	38	1.81	42
	72	.66⅔	2	143	72	95	48	1.99	48
	72	.83⅓	1	60	60	50	50	0.83	60
Total	72	.58½	12	632	53	369	31	8.79	42

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. 36—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Card stripper	84	$1.16½	1	82	82	$95	$95	0.98	$97
Chain maker	72	1.50	1	72	72	108	108	1.00	108
Drawer-in	72	1.66½	1	73	73	121	121	1.01	119
Dressers	72	1.50	1	65	65	98	98	0.90	109
	72	2.75	1	73	73	199	199	1.01	196
Total	72	2.15	2	138	69	297	149	1.91	155
Dyers	72	1.33½	3	220	73	295	98	3.06	97
Engineer and fireman	84	2.00	1	94	94	188	188	1.12	168
Filling carrier	72	.83½	1	67	67	56	56	0.93	60
Finishers	72	1.00	2	144	72	144	72	2.00	72
	72	1.25	2	154	77	189	95	2.14	88
	72	1.33½	3	226	75	302	101	3.14	96
Total	72	1.21	7	524	75	635	91	7.28	87
Handers-in	72	.50	2	103	52	51	26	1.43	36
Loom fixers	72	2.00	1	72	72	144	144	1.00	144
	72	2.16½	1	72	72	157	157	1.00	157
Total	72	2.09	2	144	72	301	151	2.00	151
Machinist	84	2.00	1	91	91	181	181	1.08	167
Overseer, carding department	84	2.50	1	84	84	210	210	1.00	210
Overseer, dyeing room	72	4.16½	1	72	72	300	300	1.00	300
Overseer, finishing department	72	3.75	1	67	67	250	250	0.93	269
Overseer, sorting room	72	2.00	1	66	66	132	132	0.92	144
Overseer, spinning department	84	2.25	1	83	83	186	186	0.99	188
Overseer, weaving department	72	3.00	1	73	73	219	219	1.01	216
Pickers	72	.66½	1	71	71	47	47	0.99	48
	72	.75	1	78	78	58	58	1.08	54
	72	1.33½	1	76	76	102	102	1.06	97
	72	1.75	1	13	13	23	23	0.18	127
Total	72	.96½	4	238	60	230	58	3.31	70
Piecers	72	.50	8	516	65	258	32	7.17	36
	72	.60	3	175	58	103	34	2.43	42
	72	.75	1	57	57	43	43	0.79	54
Total	72	.54	12	748	62	404	34	10.39	39
Second hands	84	1.28	1	82	82	105	105	0.98	108
	72	1.50	1	73	73	109	109	1.01	108
Total	78	1.38	2	155	78	214	107	1.99	108
Sewers-in	72	.66⅔	1	73	73	49	49	1.01	48
	72	.75	2	138	69	103	52	1.92	54
	72	1.00	3	214	71	214	71	2.97	72
Total	72	.86	6	425	71	366	61	5.90	62
Sorters	72	.54	2	65	33	35	18	0.90	39
	72	.66⅔	1	73	73	48	48	1.01	47
Total	72	.60	3	138	46	83	28	1.91	43
Spinners, mule	84	.75	2	159	80	119	60	1.89	63
	84	1.00	1	79	79	79	79	0.94	84
	84	1.50	1	83	83	124	124	0.99	125
Total	84	1.00½	4	321	80	322	81	3.82	84

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. 36—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total	Average.	Total.	Average.		
Spoolers	72	$0.50	2	67	34	$33	$17	0.93	$35
	72	.54	4	286	72	154	39	3.97	39
	72	.60	2	114	57	68	34	1.58	43
	72	.66½	2	138	69	93	47	1.92	49
Total	72	.57½	10	605	61	348	35	8.40	41
Watchman	84	1.14½	1	84	84	96	96	1.00	96
Weavers	72	1.39	19	1,122	59	1,560	82	15.58	100
	72	1.57½	16	994	62	1,568	98	13.81	114
	72	1.82½	5	318	64	580	116	4.42	131
	72	2.15½	1	72	72	155	155	1.00	155
	72	2.37½	1	72	72	171	171	1.00	171
Total	72	1.56½	42	2,578	61	4,034	96	35.81	113
The establishment		1.26½	124	7,977	64	10,091	81	108.97	93

ESTABLISHMENT No. 37.

Beamers	313	$1.66½	1	269	269	$448	$448	0.86	$521
	313	1.83½	4	21	5	38	10	0.07	566
	313	2.25	1	279	279	629	629	0.89	706
Total	313	1.96	6	569	95	1,115	186	1.82	613
Cloth inspectors	313	1.33½	1	134	134	178	178	0.43	416
	313	1.50	1	145	145	218	218	0.46	471
Total	313	1.42	2	279	140	396	198	0.89	444
Designer	313	2.44½	1	262	262	640	640	0.84	765
Drawers-in	313	.45	4	487	122	220	55	1.56	141
Dressers	313	2.00	6	408	68	820	137	1.30	629
	313	2.16½	3	327	109	704	235	1.04	674
	313	2.25	2	235	118	528	264	0.75	703
	313	2.32	1	28	28	65	65	0.09	727
	313	2.50	2	38	19	95	48	0.12	783
Total	313	2.13½	14	1,036	74	2,212	158	3.30	668
Hander-in	313	.44	1	50	50	22	22	0.16	138
Laborer	313	.92½	1	276	276	256	256	0.88	290
Loom fixers	313	2.41	5	409	82	986	197	1.31	755
Overseers, weaving department.	313	2.25	2	68	34	153	77	0.22	704
	313	2.50	3	158	53	394	131	0.50	781
Total	313	2.42	5	226	45	547	109	0.72	758
Teamsters	313	.96½	5	279	56	269	54	0.89	302
Twisters	313	1.50	1	83	83	125	125	0.27	471
	313	1.66½	3	422	141	704	235	1.35	522
	313	1.83½	2	35	18	64	32	0.11	572
	313	2.00	1	280	280	561	561	0.89	627
Total	313	1.77½	7	820	117	1,454	208	2.62	555

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. 37—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Warpers	313	$0.41½	1	68	68	$29	$29	0.22	$133
	313	.66⅔	1	172	172	115	115	0.55	209
	313	.75	1	108	108	83	83	0.35	241
Total	313	.65	3	348	116	227	76	1.12	204
Weavers	313	.95	40	3,246	81	3,091	77	10.37	298
	313	1.06	79	10,202	129	10,789	137	32.59	331
	313	1.27½	2	84	42	107	54	0.27	399
Total	313	1.03½	121	13,532	112	13,987	116	43.23	324
Winder	313	.50	1	35	35	18	18	0.11	161
Yarn hand	313	.83½	1	198	198	169	169	0.63	267
The establishment		1.19½	177	18,806	106	22,518	127	60.08	375

ESTABLISHMENT No. 40.

Blacksmith	156	$1.50	1	177	177	$263	$263	1.13	$232
Bobbin boys	156	1.00	3	119	40	119	40	0.76	156
Burlers	156	1.50	36	835	23	1,252	35	5.35	234
Card feeders	156	.87	9	596	66	519	58	3.82	136
Card grinders	156	1.16½	2	213	107	239	120	1.37	175
	156	1.25	1	144	144	180	180	0.92	195
Total	156	1.17½	3	357	119	419	140	2.29	183
Card strippers	156	1.00	5	482	96	482	96	3.09	156
Carpenter	156	3.00	1	171	171	513	513	1.10	468
Chain maker	156	1.75	1	152	152	266	266	0.97	273
Cloth inspectors	156	1.50	1	146	146	220	220	0.94	235
	156	1.75	1	148	148	269	269	0.95	284
	156	2.16½	1	150	150	321	321	0.96	334
Total	156	1.82½	3	444	148	810	270	2.85	285
Designer	156	2.50	1	148	148	369	369	0.95	389
Drawers-in	156	1.51	3	274	91	414	138	1.76	236
	156	1.74	1	88	88	153	153	0.56	271
Total	156	1.56½	4	362	91	567	142	2.32	244
Dressers	156	1.75	7	685	98	1,199	171	4.39	273
Dyeing-room hands	156	1.00	19	1,156	61	1,156	61	7.41	156
Engineer	156	2.38	1	172	172	409	409	1.10	371
Filling carriers	156	1.25	1	154	154	192	192	0.99	194
	156	1.83½	1	153	153	280	280	0.98	285
Total	156	1.53½	2	307	154	472	236	1.97	240
Fireman	156	1.63	1	159	159	258	258	1.02	253
Folder	156	1.12	1	153	153	171	171	0.98	174
Fullers	156	1.00	5	388	78	388	78	2.49	156
Giggers	156	.83	6	661	110	561	94	4.24	132
	156	1.00	3	410	137	402	134	2.63	153
	156	1.12	1	126	126	141	141	0.81	175
Total	156	.92	10	1,197	120	1,104	110	7.68	144

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. 40—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Handers-in	156	$0.50½	7	412	59	$209	$30	2.64	$79
Harness hands	156	.75	2	305	153	229	115	1.96	117
	156	1.50	2	123	62	185	93	0.79	235
Total	156	.96½	4	428	107	414	104	2.75	151
Laborers	156	.50	3	81	27	40	13	0.52	77
	156	.63	1	44	44	27	27	0.28	96
	156	.70	1	58	58	41	41	0.37	110
	156	.75	5	408	82	304	61	2.62	116
	156	.90	1	149	149	135	135	0.96	141
	156	1.00	4	337	84	337	84	2.16	156
	156	1.12½	2	142	71	160	80	0.91	176
	156	1.20	2	12	6	14	7	0.08	182
	156	1.43	1	182	182	260	260	1.17	223
Total	156	.93½	20	1,413	71	1,318	66	9.07	146
Loom fixers	156	1.75	1	154	154	269	269	0.99	272
	156	2.00	4	531	133	1,062	266	3.40	312
Total	156	1.94½	5	685	137	1,331	266	4.39	303
Machinists	156	2.00	1	164	164	327	327	1.05	311
	156	2.75	1	182	182	500	500	1.17	429
Total	156	2.39	2	346	173	827	414	2.22	373
Measurer	156	1.75	1	156	156	274	274	1.00	274
Oilers	156	1.16⅔	3	207	69	242	81	1.33	182
Overseer, carding department	156	4.50	1	154	154	691	691	0.99	700
Overseers, dyeing room	156	4.00	3	165	55	658	219	1.06	622
Overseer, picking department	156	2.00	1	154	154	307	307	0.99	311
Overseer, sorting room	156	2.25	1	145	145	325	325	0.93	350
Overseer, spinning department	156	3.00	1	154	154	461	461	0.99	467
Overseer, spooling department	156	2.25	1	154	154	345	345	0.99	349
Overseer, weaving department	156	3.00	1	154	154	461	461	0.99	467
Picking-room hands	156	.70	1	94	94	65	65	0.60	108
	156	.85	3	435	145	368	123	2.79	132
	156	1.00	5	551	110	551	110	3.53	156
Total	156	.91	9	1,080	120	984	109	6.92	142
Press hands	156	1.12½	3	300	100	337	112	1.92	175
Roving carriers	156	1.25	3	178	59	220	73	1.14	193
Scourers	156	1.16½	2	301	151	351	176	1.93	182
Second hands	156	.90	1	148	148	133	133	0.95	140
	156	1.25	3	322	107	382	127	2.06	185
	156	1.50	1	153	153	229	229	0.98	233
	156	1.75	3	418	139	731	244	2.68	273
	156	2.00	2	257	129	515	258	1.65	313
	156	2.25	2	156	78	343	172	1.00	343
Total	156	1.60½	12	1,454	121	2,333	194	9.32	250
Sewers-in	156	1.10	31	3,289	106	3,601	116	21.08	171
Shearers	156	1.00	14	575	41	578	41	3.69	157
Sorters	156	1.75	7	649	93	1,135	162	4.16	273
Speckers	156	.62½	41	2,432	59	1,520	37	15.59	98
Spinners, mule	156	1.03	19	906	48	932	49	5.81	160
	156	1.36½	19	1,683	89	2,297	121	10.79	213
	156	1.52½	5	365	73	556	111	2.34	238
Total	156	1.28	43	2,954	69	3,785	88	18.94	200

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. 40—Concluded.

Occupation.	Working days in the period.	Actual daily earnings or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Spoolers	156	$0.70	30	1,707	57	$1,198	$40	10.94	$109
Sweeper	156	.85	1	112	112	95	95	0.72	132
Third hand	156	1.33½	1	94	94	125	125	0.60	207
Twisters	156	.75	14	1,634	117	1,225	88	10.47	117
Washers	156	.88	1	101	101	89	89	0.65	137
	156	1.00	2	83	42	84	42	0.53	158
Total	156	.94	3	184	61	173	58	1.18	147
Waste pickers	156	1.00	2	257	129	257	129	1.65	156
	156	1.50	1	157	157	235	235	1.01	234
Total	156	1.19	3	414	138	492	164	2.66	185
Watchmen	182	1.25	1	134	134	173	173	0.74	235
	182	1.75	1	180	180	312	312	0.99	315
Total	182	1.54½	2	314	157	485	243	1.73	281
Weavers	156	.92½	5	55	11	51	10	0.35	145
	156	1.22½	15	951	63	1,166	78	6.10	191
	156	1.43	48	4,374	91	6,259	130	28.04	223
	156	1.62	35	3,360	96	5,451	156	21.54	253
	156	1.85½	4	311	78	577	144	1.99	289
Total	156	1.49	107	9,051	85	13,504	126	58.02	233
Winders	156	.60	2	147	74	88	44	0.94	93
	156	.85	1	105	105	89	89	0.67	132
	156	1.00	5	453	91	453	91	2.90	156
Total	156	.89½	8	705	88	630	79	4.51	139
Yarn carriers	156	.83½	1	95	95	79	79	0.61	130
	156	.91½	1	154	154	141	141	0.99	143
Total	156	.88½	2	249	125	220	110	1.60	138
The establishment	.....	1.27½	500	40,463	81	51,590	103	259.13	199

ESTABLISHMENT No. —.

[No statement of cost of production for this establishment is shown in Table III.]

Brusher	156	$0.85	1	145	145	$123	$123	0.93	$132
Burlers	156	.63	4	296	74	187	47	1.90	99
Card feeders	156	.91	2	154	77	140	70	0.99	142
Carders	156	.60	3	355	118	212	71	2.28	93
	156	.65	3	359	120	228	76	2.30	99
	156	.67	1	146	146	98	98	0.94	105
	156	.80	1	138	138	109	109	0.88	123
Total	156	.65	8	998	125	647	81	6.40	101
Cleaners	156	1.10	2	292	146	321	161	1.87	171
Doffers	156	.60	2	225	113	135	68	1.44	94
Drawer-in	156	1.25	1	134	134	167	167	0.86	194
Dressers	156	1.25	1	144	144	180	180	0.92	195
	156	1.40	1	146	146	204	204	0.94	218
	156	1.50	1	143	143	214	214	0.92	233
Total	156	1.38	3	433	144	598	199	2.78	215

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No.— —Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Driers	156	$0.45	2	298	149	$134	$67	1.91	$70
	156	.50	1	145	145	69	69	0.93	74
Total	156	.46	3	443	148	203	68	2.84	71
Dyeing-room hands	156	.60	1	104	104	63	63	0.67	95
	156	1.00	1	148	148	148	148	0.95	156
	156	1.04	4	457	114	474	119	2.93	162
	156	1.10	1	153	153	167	167	0.98	170
	156	1.25	1	47	47	59	59	0.30	196
	156	1.50	1	69	69	103	103	0.44	233
Total	156	1.03½	9	978	109	1,014	113	6.27	162
Filling carriers	156	.75	2	158	79	117	59	1.01	116
Finishing-room hands	156	.50	2	81	41	41	21	0.52	79
	156	.75	1	12	12	9	9	0.08	117
	156	1.04	1	153	153	162	162	0.98	165
	156	1.10	2	345	173	381	191	2.21	172
Total	156	1.00½	6	591	99	593	99	3.79	157
Fireman	156	2.00	1	156	156	313	313	1.00	313
Fuller	156	1.50	1	150	150	224	224	0.96	233
Hander-in	156	.50	1	145	145	72	72	0.93	77
Loom fixer	156	1.43	1	143	143	204	204	0.92	223
Machinist	156	1.75	1	150	150	262	262	0.96	272
Oiler	156	.88	1	149	149	131	131	0.96	137
Overseer, carding department	156	2.50	1	148	148	370	370	0.95	390
Overseer, dyeing room	156	3.00	1	151	151	452	452	0.97	467
Overseer, finishing department	156	1.50	1	146	146	218	218	0.94	233
Overseer, spinning department	156	2.00	1	147	147	294	294	0.94	312
Overseer, weaving department	156	2.25	1	147	147	330	330	0.94	350
Pickers	156	1.00	1	145	145	145	145	0.93	156
	156	1.25	1	146	146	183	183	0.94	196
Total	156	1.12½	2	291	146	328	164	1.87	176
Press hand	156	.95	1	151	151	141	141	0.97	146
Repairer	156	1.04	1	116	116	120	120	0.74	161
Roving carrier	156	1.00	1	144	144	144	144	0.92	156
Second hands	156	1.25	1	151	151	188	188	0.97	194
	156	1.50	3	446	149	667	222	2.86	233
Total	156	1.43	4	597	149	855	214	3.83	223
Shearer	156	1.00	1	70	70	70	70	0.45	156
Sorters	156	1.00	1	127	127	127	127	0.81	156
	156	1.04	1	83	83	86	86	0.53	162
Total	156	1.01½	2	210	105	213	107	1.34	158
Spinners, mule	156	(a)	10	(a)	(a)	1,944	194	(a)	(a)
Spoolers	156	(a)	5	(a)	(a)	369	74	(a)	(a)
Stitchers	156	.66⅔	1	47	47	31	31	0.30	103
	156	.83⅓	1	75	75	63	63	0.48	131
	156	1.00	1	139	139	139	139	0.89	156
Total	156	.89⅓	3	261	87	233	78	1.67	139

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. — —Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Teamsters	156	$1.35	4	165	41	$223	$56	1.06	$211
Watchman	182	1.25	1	145	145	181	181	0.80	227
Weavers	156	(a)	38	(a)	(a)	5,536	146	(a)	(a)
Winder	156	.90	1	147	147	132	132	0.94	140
The establishment	-------	(b)	128	(b)	(b)	17,604	138	(b)	(b)

ESTABLISHMENT No. —.

[No statement of cost of production for this establishment is shown in Table III.]

Bobbin boys	156	$0.75	3	76	25	$57	$19	0.49	$117
Brusher	156	1.10	1	165	165	183	183	1.06	173
Burlers	156	.90	5	322	64	290	58	2.06	140
Card strippers	156	1.10	2	255	128	280	140	1.63	171
Carders	156	1.00	1	128	128	128	128	0.82	156
	156	1.10	1	145	145	153	153	0.93	165
	156	1.50	2	129	65	194	97	0.83	235
Total	156	1.18	4	402	101	475	119	2.58	184
Carders' helpers	156	.75	3	298	99	230	77	1.91	120
	156	.85	2	266	133	227	114	1.71	133
	156	.90	1	43	43	38	38	0.28	138
Total	156	.81½	6	607	101	495	83	3.90	127
Carpenters	156	2.25	1	40	40	90	90	0.26	351
	156	2.70	1	146	146	395	395	0.94	422
Total	156	2.61	2	186	93	485	243	1.20	407
Cleaners	156	.66⅔	1	150	150	100	100	0.96	104
	156	.75	3	366	122	275	92	2.35	117
	156	.90	3	461	154	415	138	2.96	140
Total	156	.81	7	977	140	790	113	6.27	126
Drawers-in	156	.50	2	224	112	119	60	1.44	83
	156	1.00	1	150	150	150	150	0.96	156
	156	1.25	1	148	148	185	185	0.95	195
Total	156	.87	4	522	131	454	114	3.35	136
Drier	156	1.15	1	155	155	178	178	0.99	179
Dyeing-room hands	156	1.00	1	6	6	6	6	0.04	156
	156	1.10	5	572	114	630	126	3.67	172
	156	1.12	2	159	80	178	89	1.02	175
	156	1.25	1	148	148	185	185	0.95	195
Total	156	1.13	9	885	98	999	111	5.68	176
Engineer	156	2.50	1	154	154	384	384	0.99	389
Finishing-room hands	156	.50	2	228	114	114	57	1.46	78
	156	.75	1	63	63	47	47	0.40	116
	156	.90	9	790	88	711	79	5.06	140
	156	1.00	1	145	145	145	145	0.93	156
	156	1.10	2	99	50	110	55	0.63	173
	156	1.12	2	216	108	242	121	1.38	175
	156	1.15	2	145	73	169	85	0.93	182
	156	1.25	1	166	166	208	208	1.06	195
	156	1.50	2	174	87	261	131	1.12	234
Total	156	.99	22	2,026	92	2,007	91	12.97	155

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. — —Concluded.

	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Fireman	156	$1.00	1	164	164	$164	$164	1.05	$156
Laborers	156	1.25	3	317	106	380	127	2.03	187
Loom fixer	156	1.25	1	149	149	192	192	0.96	201
Mason	156	1.76⅔	1	81	81	143	143	0.52	275
Overseers, carding department	156	2.37	1	157	157	372	372	1.01	370
	156	3.00	1	150	150	450	450	0.96	468
Total	156	2.68	2	307	154	822	411	1.97	418
Overseer, dyeing room	156	3.25	1	145	145	472	472	0.93	508
Overseer, finishing department	156	2.00	1	155	155	310	310	0.99	312
Overseer, sorting room	156	1.75	1	144	144	251	251	0.92	272
Overseer, spinning department	156	2.50	1	148	148	370	370	0.95	390
Overseer, weaving department	156	3.00	1	158	158	474	474	1.01	468
Picking-room hands	156	1.10	1	122	122	134	134	0.78	171
	156	1.15	2	193	97	221	111	1.24	179
	156	1.25	1	163	163	204	204	1.04	195
Total	156	1.17	4	478	120	559	140	3.06	182
Roving carrier	156	1.10	1	148	148	163	163	0.95	172
Scourers	156	.75	2	140	70	105	53	0.90	117
	156	1.00	2	213	107	215	108	1.37	157
	156	1.10	2	270	135	289	145	1.73	167
Total	156	.98	6	623	104	609	102	4.00	152
Second hands	156	1.25	2	306	153	382	191	1.96	195
	156	1.50	2	180	90	270	135	1.15	234
	156	1.75	2	304	152	527	264	1.95	270
Total	156	1.49	6	790	132	1,179	197	5.06	233
Shearer	156	1.25	1	45	45	56	56	0.29	194
Sorters	156	1.45	2	204	102	296	148	1.31	226
Spinners, mule	156	(a)	18	(a)	(a)	2,812	156	(a)	(a)
Spoolers	156	(a)	7	(a)	(a)	635	91	(a)	(a)
Timekeepers	156	1.00	2	151	76	151	76	0.97	156
	156	1.50	2	163	82	244	122	1.04	234
Total	156	1.26	4	314	79	395	99	2.01	196
Warpers	156	1.50	2	317	159	476	238	2.03	234
	156	1.80	1	154	154	277	277	0.99	281
Total	156	1.60	3	471	157	753	251	3.02	249
Watchmen	182	1.10	1	35	35	39	39	0.19	203
	182	1.15	1	148	148	167	167	0.81	205
	182	1.37	1	197	197	269	269	1.08	249
Total	182	1.25	3	380	127	475	158	2.08	228
Weavers	156	(a)	55	(a)	(a)	6,823	124	(a)	(a)
The establishment	.....	(b)	190	(b)	(b)	25,410	134	(b)	(b)

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. —.

[No statement of cost of production for this establishment is shown in Table III.]

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Band boys	156	$0.50	2	292	146	$146	$73	1.87	$78
Blacksmith	156	2.03	1	146	146	297	297	0.94	317
Bobbin boys	156	.50	2	83	42	42	21	0.53	79
	156	.60	5	385	77	231	46	2.47	94
	156	.65	3	451	150	295	98	2.89	102
Total	156	.62	10	919	92	568	57	5.89	96
Brushers	156	.66	4	420	105	277	69	2.69	103
Burlers	156	.50	18	337	19	173	10	2.16	80
	156	.60	24	2,056	86	1,225	51	13.18	93
	156	.66	50	5,149	103	3,419	68	33.01	104
	156	.77	3	363	121	266	89	2.33	114
	156	.93½	2	300	150	281	141	1.92	146
Total	156	.65½	97	8,205	85	5,364	55	52.60	102
Card feeders	156	.70	2	102	51	71	36	0.65	109
Card stripper	156	1.25	1	111	111	139	139	0.71	195
Carders	156	.60	12	296	25	172	14	1.90	91
	156	.66	14	862	62	564	40	5.53	102
	156	.70	7	680	97	476	68	4.36	109
	156	.77	4	134	34	105	26	0.86	122
	156	.99	2	214	107	212	106	1.37	155
	156	1.10	2	159	80	174	87	1.02	171
	156	1.20	7	536	77	643	92	3.44	187
	156	1.54	3	350	117	538	179	2.24	240
	156	1.60	1	125	125	200	200	0.80	250
Total	156	.92	52	3,356	65	3,084	59	21.52	143
Carpenters	156	1.50	1	166	166	248	248	1.06	233
	156	1.92	2	315	158	604	302	2.02	299
	156	2.25	1	157	157	353	353	1.01	351
Total	156	1.89	4	638	160	1,205	301	4.09	295
Chain maker	156	1.50	1	153	153	229	229	0.98	233
Cloth inspectors	156	1.65	1	153	153	246	246	0.98	251
	156	2.00	1	172	172	348	348	1.10	316
Total	156	1.83	2	325	163	594	297	2.08	285
Combers	156	.70	3	438	146	307	102	2.81	109
	156	.75	7	747	107	557	80	4.79	116
	156	1.10	2	191	96	210	105	1.22	172
	156	1.20	1	153	153	183	183	0.98	187
	156	1.25	2	38	19	47	24	0.24	193
Total	156	.83	15	1,567	104	1,304	87	10.04	130
Doffers	156	.45	5	695	139	313	63	4.46	70
	156	.50	17	1,819	107	918	54	11.66	79
	156	.60	4	398	100	232	58	2.55	91
Total	156	.50	26	2,912	112	1,463	56	18.67	78
Drawers-in	156	.97	2	186	93	180	90	1.19	151
	156	1.58½	6	446	74	708	118	2.86	248
	156	1.77½	4	488	122	865	216	3.13	277
Total	156	1.56½	12	1,120	93	1,753	146	7.18	244

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. — —Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Drawing-frame tenders	156	$0.64	2	254	127	$163	$82	1.63	$100
	156	.70	23	2,358	103	1,649	72	15.12	109
	156	.75	13	1,580	122	1,185	91	10.13	117
	156	.80	12	1,270	106	1,009	84	8.14	124
	156	1.00	1	149	149	149	149	0.96	156
Total	156	.74	51	5,611	110	4,155	81	35.98	116
Driers	156	.75	3	299	100	224	75	1.92	117
	156	1.10	1	92	92	101	101	0.59	171
	156	1.25	1	146	146	182	182	0.94	194
Total	156	.94½	5	537	107	507	101	3.45	147
Dyers	156	1.20	61	6,589	108	7,907	130	42.24	187
	156	1.25	6	773	129	962	160	4.96	194
Total	156	1.20½	67	7,362	110	8,869	132	47.20	188
Elevator hand	156	.93	1	153	153	142	142	0.98	145
Engineer	156	2.15	1	158	158	340	340	1.01	336
Filling carriers	156	.60	7	198	28	119	17	1.27	94
	156	.66	1	82	82	54	54	0.53	103
	156	.93	3	459	153	427	142	2.94	145
Total	156	.81	11	739	67	600	55	4.74	127
Finishers	156	1.00	2	56	28	56	28	0.36	156
	156	1.10	1	153	153	168	168	0.98	171
Total	156	1.07	3	209	70	224	75	1.34	167
Firemen	156	1.38	2	304	152	419	210	1.95	215
Fullers	156	1.10	2	295	148	336	168	1.89	178
Giggers	156	1.10	33	3,829	116	4,228	128	24.54	172
Gill-box tenders	156	.60	4	417	104	250	63	2.67	94
	156	.65	1	133	133	86	86	0.85	101
	156	.70	12	1,350	113	942	79	8.65	109
	156	.75	1	72	72	54	54	0.46	117
	156	1.00	1	69	69	69	69	0.44	156
Total	156	.68½	19	2,041	107	1,401	74	13.07	107
Harness hands	156	1.00	1	4	4	4	4	0.03	156
	156	1.25	3	306	102	383	128	1.96	195
	156	1.50	1	153	153	230	230	0.98	235
Total	156	1.33½	5	463	93	617	123	2.97	208
Laborers	156	1.00	1	152	152	152	152	0.97	156
	156	1.10	1	154	154	169	169	0.99	171
	156	1.15	1	154	154	177	177	0.99	179
	156	1.20	6	892	149	1,075	179	5.72	188
	156	1.30	3	296	99	394	131	1.90	203
	156	1.40	1	10	10	14	14	0.06	218
	156	1.50	1	96	96	145	145	0.62	236
Total	156	1.21	14	1,754	125	2,126	152	11.25	189
Loom fixers	156	2.11	6	315	53	665	111	2.02	329
	156	2.33½	10	858	86	2,003	200	5.50	364
	156	2.48	5	447	89	1,109	222	2.87	387
	156	2.68	3	433	144	1,160	387	2.78	418
	156	2.91½	1	140	140	408	408	0.90	455
Total	156	2.43½	25	2,193	88	5,345	214	14.07	389

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. — —Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Machinists	156	$1.83	1	166	166	$304	$304	1.06	$286
	156	1.92	1	175	175	336	336	1.12	300
	156	2.00	2	309	155	619	310	1.98	313
	156	2.20	1	178	178	391	391	1.14	343
	156	2.25	1	153	153	344	344	0.98	351
	156	2.83½	1	154	154	437	437	0.99	443
Total	156	2.14	7	1,135	162	2,431	347	7.27	334
Master machinist	156	3.08½	1	181	181	558	558	1.16	481
Overseer	156	4.00	1	152	152	606	606	0.97	622
Overseer, carding department	156	2.50	1	154	154	384	384	0.99	389
Overseer, dyeing room	156	3.00	1	149	149	446	446	0.96	467
Overseers, finishing department.	156	3.00	2	304	152	912	456	1.95	468
Overseer, sorting room	156	2.25	1	152	152	343	343	0.97	352
Overseers, spinning department.	156	2.50	1	153	153	382	382	0.98	389
	156	2.75	1	152	152	417	417	0.97	428
Total	156	2.62	2	305	153	799	400	1.95	409
Overseer, spooling department	156	3.33½	1	154	154	512	512	0.99	519
Overseer, twisting department	156	3.00	1	151	151	453	453	0.97	468
Overseer, warping department	156	3.33½	1	141	141	470	470	0.90	520
Packers	156	.75	1	148	148	111	111	0.95	117
	156	1.00	2	109	55	109	55	0.70	156
	156	1.20	1	140	140	169	169	0.90	188
	156	1.48	1	150	150	222	222	0.96	231
Total	156	1.11½	5	547	109	611	122	3.51	174
Painter	156	1.54	1	157	157	241	241	1.01	239
Press hands	156	1.32	3	274	91	362	121	1.76	206
	156	1.37	1	151	151	206	206	0.97	213
Total	156	1.33½	4	425	106	568	142	2.73	208
Reelers	156	.70½	7	889	127	628	90	5.70	110
	156	.95	4	424	106	403	101	2.72	148
Total	156	.78½	11	1,313	119	1,031	94	8.42	122
Scrubbers	156	1.00	1	102	102	102	102	0.65	156
	156	1.25	2	35	18	44	22	0.22	196
Total	156	1.06½	3	137	46	146	49	0.87	166
Second hands	156	1.50	1	151	151	226	226	0.97	233
	156	1.55	1	148	148	229	229	0.95	241
	156	1.98	1	152	152	300	300	0.97	308
	156	2.00	1	151	151	301	301	0.97	311
	156	2.40½	1	155	155	373	373	0.99	375
	156	2.75	1	150	150	412	412	0.96	428
	156	3.00	1	73	73	219	219	0.47	468
Total	156	2.10	7	980	140	2,060	294	6.28	328
Sewers-in	156	.85	3	269	90	233	78	1.72	135
	156	.95	3	423	141	389	130	2.71	143
	156	1.00	16	1,734	108	1,734	108	11.12	156
	156	1.10	29	3,883	134	4,271	147	24.89	172
Total	156	1.05	51	6,309	124	6,627	130	40.44	164

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. — —Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Shearers	156	$1.10	3	373	124	$404	$135	2.39	$169
	156	1.15	4	582	146	669	167	3.73	179
	156	1.26	1	83	83	105	105	0.53	197
Total	156	1.13½	8	1,038	130	1,178	147	6.65	177
Shipping clerk	156	1.57	1	153	153	240	240	0.98	245
Sorters	156	1.88	10	1,127	113	2,117	212	7.22	293
	156	1.99⅓	9	1,192	132	2,377	264	7.64	311
Total	156	1.94	19	2,319	122	4,494	237	14.86	302
Spinners	156	.45	1	14	14	6	6	0.09	67
	156	.50	41	3,953	96	1,984	48	25.34	78
	156	.60	24	3,160	132	1,893	79	20.26	93
	156	.65	9	910	101	591	66	5.83	101
	156	.70	6	654	109	452	75	4.19	108
	156	.80	1	26	26	21	21	0.17	126
	156	.90	6	651	109	587	98	4.17	141
	156	1.00	3	443	148	443	148	2.84	156
	156	1.10	3	287	96	315	105	1.84	171
	156	1.25	1	154	154	192	192	0.99	194
	156	1.43	1	150	150	214	214	0.96	223
	156	1.65	1	153	153	252	252	0.98	257
	156	1.98	1	148	148	293	293	0.95	309
Total	156	.67½	98	10,703	109	7,243	74	68.61	106
Spoolers and twisters	156	.49	65	4,618	71	2,295	35	29.60	78
	156	.60	13	1,543	119	910	70	9.89	92
	156	.66	3	282	94	184	61	1.81	102
	156	1.00	4	315	79	315	79	2.02	156
	156	1.50	1	150	150	225	225	0.96	234
Total	156	.57	86	6,908	80	3,929	46	44.28	89
Sweepers	156	.45	1	30	30	14	14	0.19	73
	156	.50	2	16	8	8	4	0.10	78
	156	.55	4	297	74	163	41	1.90	86
	156	.60	7	184	26	111	16	1.18	94
	156	.66	4	342	86	232	58	2.19	106
	156	.80	1	154	154	123	123	0.99	125
Total	156	.63½	19	1,023	54	651	34	6.55	99
Teamster	156	1.33	1	152	152	202	202	0.97	207
Twisters	156	.50	3	289	96	142	47	1.85	77
	156	.60	2	161	81	97	49	1.03	94
	156	.65	6	836	139	545	91	5.36	102
	156	.70	19	2,399	126	1,676	88	15.38	109
	156	.75	7	842	120	631	90	5.40	117
	156	1.00	1	152	152	152	152	0.97	156
Total	156	.69½	38	4,679	123	3,243	85	29.99	108
Warpers	156	1.80	16	1,291	81	2,344	147	8.28	283
Washers	156	.60	1	95	95	57	57	0.61	94
	156	.75	1	151	151	113	113	0.97	117
	156	1.00	2	70	35	70	35	0.45	156
	156	1.10	3	351	117	381	127	2.25	169
	156	1.15	2	290	145	334	167	1.86	180
	156	1.20	1	155	155	186	186	0.99	187
	156	1.25	2	294	147	367	184	1.88	195
Total	156	1.07½	12	1,406	117	1,508	126	9.01	167

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. — —Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Watchmen	182	$1.25	1	183	183	$229	$229	1.01	$228
	182	1.45	1	168	168	244	244	0.92	264
	182	1.50	3	499	166	749	250	2.74	273
Total	182	1.44	5	850	170	1,222	244	4.67	262
Weavers	156	1.01	7	101	14	102	15	0.65	158
	156	1.33½	15	595	40	794	53	3.81	208
	156	1.59	76	7,703	101	12,260	161	49.38	248
	156	1.81	97	11,954	123	21,613	223	76.63	282
	156	2.02	43	5,336	124	10,782	251	34.21	315
	156	2.31	7	629	90	1,454	208	4.03	361
	156	2.50½	2	81	41	203	102	0.52	391
Total	156	1.79	247	26,399	107	47,208	191	169.23	279
Winders	156	.44½	12	517	43	229	19	3.31	69
	156	.67	34	3,137	92	2,102	62	20.11	105
	156	.93½	27	2,883	107	2,691	100	18.48	146
	156	1.07½	4	373	93	401	100	2.39	168
Total	156	.78½	77	6,910	90	5,423	70	44.29	122
Yarn inspectors	156	.75	10	1,333	133	987	99	8.54	116
	156	.80	3	418	139	332	111	2.68	124
	156	1.00	1	141	141	141	141	0.90	156
Total	156	.77	14	1,892	135	1,460	104	12.12	120
The establishment	.....	1.17	1,210	124,483	103	145,346	120	797.18	182

ESTABLISHMENT No. —.

[No statement of cost of production for this establishment is shown in Table III.]

Burlers	156	$0.90	9	1,135	126	$1,021	$113	7.28	$140
	156	1.00	3	405	135	405	135	2.60	156
	156	1.25	1	134	134	167	167	0.86	194
Total	156	.95	13	1,674	129	1,593	123	10.74	148
Carders	156	.75	3	177	59	132	44	1.13	116
	156	.80	3	289	96	234	78	1.85	126
	156	.90	15	1,634	109	1,470	98	10.47	140
	156	.95	1	136	136	129	129	0.87	148
	156	1.00	1	51	51	51	51	0.33	156
	156	1.10	1	140	140	153	153	0.90	170
Total	156	.89½	24	2,427	101	2,169	90	15.55	139
Carpenter	156	3.60	1	125	125	448	448	0.80	558
Cleaner	156	.90	1	127	127	115	115	0.81	141
Drawers-in	156	1.04	1	129	129	134	134	0.83	162
	156	1.10	1	33	33	36	36	0.21	170
	156	1.20	2	98	49	118	59	0.63	188
Total	156	1.11	4	260	65	288	72	1.67	173
Dresser	156	2.50	1	140	140	350	350	0.90	390
Dyers	156	2.00	2	311	156	621	311	1.99	311
Engineer	156	4.84	1	155	155	750	750	0.99	755
Filling carrier	156	1.31½	1	139	139	183	183	0.89	205
Finishers	156	.90	10	1,076	108	968	97	6.90	140
	156	1.10	2	281	141	303	152	1.80	168
Total	156	.93½	12	1,357	113	1,271	106	8.70	146

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. — —Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Fireman	156	$2.50	1	160	160	$399	$399	1.03	$389
Fullers	156	.90	2	273	137	245	123	1.75	140
	156	2.50	1	140	140	350	350	0.90	390
	156	3.05	1	140	140	427	427	0.90	476
Total	156	1.85	4	553	138	1,022	256	3.55	288
Giggers	156	.90	5	418	84	379	76	2.68	141
	156	1.00	3	261	87	256	85	1.67	153
	156	3.00	1	142	142	426	426	0.91	468
Total	156	1.29	9	821	91	1,061	118	5.26	202
Laborers	156	1.75	2	167	84	291	146	1.07	272
Loom fixer	156	3.00	1	141	141	425	425	0.90	470
Machinists	156	2.83⅓	2	6	3	17	9	0.04	442
Overseer, carding department	156	5.00	1	144	144	718	718	0.92	778
Overseer, dyeing room	156	5.00	1	144	144	720	720	0.92	780
Overseer, finishing department	156	3.00	1	144	144	431	431	0.92	467
Overseer, sorting room	156	2.75	1	138	138	378	378	0.88	427
Overseer, spinning department	156	4.00	1	145	145	580	580	0.93	624
Overseer, weaving department	156	5.00	1	140	140	698	698	0.90	778
Press hand	156	1.00	1	146	146	146	146	0.94	156
Scourers	156	1.00	10	1,145	115	1,145	115	7.34	156
	156	1.25	1	150	150	188	188	0.96	196
	156	2.00	1	153	153	305	305	0.98	311
	156	2.75	1	152	152	416	416	0.97	427
Total	156	1.28⅓	13	1,600	123	2,054	158	10.25	200
Second hands	156	1.65	1	122	122	201	201	0.78	257
	156	1.93	1	140	140	270	270	0.90	301
	156	2.00	1	145	145	290	290	0.93	312
	156	2.50	1	152	152	380	380	0.97	390
Total	156	2.04	4	559	140	1,141	285	3.58	318
Shearer	156	1.21½	1	145	145	176	176	0.93	189
Sorters	156	.90	2	123	62	112	56	0.79	142
	156	1.00	4	527	132	527	132	3.38	156
Total	156	.98½	6	650	108	639	107	4.17	153
Spinners	156	.50	2	105	53	52	26	0.67	77
	156	.60	1	118	118	72	72	0.76	95
	156	.75	1	103	103	77	77	0.66	117
	156	.85	1	133	133	111	111	0.85	130
	156	.90	4	546	137	492	123	3.50	141
	156	1.00	3	274	91	274	91	1.76	156
Total	156	.84½	12	1,279	107	1,078	90	8.20	131
Spoolers	156	.60	1	23	23	14	14	0.15	95
	156	.75	1	129	129	96	96	0.83	116
	156	.80	2	272	136	214	107	1.74	123
	156	.90	2	274	137	245	123	1.76	139
Total	156	.81⅓	6	698	116	569	95	4.48	127
Teamster	156	2.50	1	153	153	383	383	0.98	391
Watchmen	182	1.00	1	181	181	181	181	0.99	182
	182	1.87½	2	8	4	15	8	0.04	341

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. — —Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Watchmen—concluded	182	$2.50	1	181	181	$453	$453	0.99	$456
Total	182	1.75½	4	370	93	649	162	2.02	319
Weavers	156	(a)	31	(a)	(a)	4,688	151	(a)	(a)
The establishment	------	(b)	164	(b)	(b)	26,051	159	(b)	(b)

ESTABLISHMENT No. —.

[No statement of cost of production for this establishment is shown in Table III.]

Carders	158	$0.50	2	249	125	$124	$62	1.58	$79
Dyer	158	1.25	1	151	151	188	188	0.96	197
Engineer	158	1.40	1	162	162	227	227	1.03	221
Laborers	158	.42	1	133	133	56	56	0.84	67
	158	.50	1	123	123	61	61	0.78	78
	158	1.00	2	267	134	267	134	1.69	158
Total	158	.73½	4	523	131	384	96	3.31	116
Overseer	158	2.00	1	165	165	330	330	1.04	316
Overseer, weaving department	158	3.50	1	165	165	577	577	1.04	553
Sorter	158	1.75	1	155	155	270	270	0.98	275
Spinners, frame	158	.50	2	259	130	129	65	1.64	79
	158	.66½	2	241	121	161	81	1.53	106
Total	158	.58	4	500	125	290	73	3.17	92
Warper	158	1.00	1	171	171	171	171	1.08	158
Weavers	158	(a)	6	(a)	(a)	830	138	(a)	(a)
The establishment	------	(b)	22	(b)	(b)	3,391	154	(b)	(b)

ESTABLISHMENT No. —.

[No statement of cost of production for this establishment is shown in Table III.]

Bricklayers	289	$2.43	2	7	4	$17	$9	0.02	$702
Brushers	289	1.25	2	150	75	184	92	0.52	355
Burlers	289	.55	2	9	5	5	3	0.03	161
	289	.60	8	215	27	125	16	0.74	168
	289	.75	3	193	64	144	48	0.67	216
	289	.80	2	351	176	291	146	1.21	240
	289	.90	6	1,299	217	1,127	188	4.49	251
Total	289	.82	21	2,067	98	1,692	81	7.14	237
Carders	289	1.25	4	489	122	611	153	1.69	361
	289	1.40	1	259	259	359	359	0.90	401
Total	289	1.29½	5	748	150	970	194	2.59	375
Carders' helpers	289	.43	2	7	4	3	2	0.02	124
	289	.55	2	61	31	34	17	0.21	161
	289	.60	4	132	33	78	20	0.46	171
	289	.65	8	1,080	135	702	88	3.74	188
	289	.80	1	39	39	31	31	0.13	230
	289	.90	1	39	39	35	35	0.13	259
Total	289	.65	18	1,358	75	883	49	4.69	188

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. — —Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Carpenter	289	$2.30	1	168	168	$383	$383	0.58	$659
Cloth-room hands	289	1.00	1	114	114	114	114	0.39	289
	289	1.25	1	93	93	116	116	0.32	360
	289	1.40	1	270	270	377	377	0.93	404
Total	289	1.27½	3	477	159	607	202	1.64	368
Drawers-in	289	.50	1	6	6	3	3	0.02	145
	289	.70	1	212	212	152	152	0.73	207
	289	1.18	1	238	238	281	281	0.82	341
Total	289	.95½	3	456	152	436	145	1.57	276
Dresser	289	2.25	1	259	259	582	582	0.90	649
Driers	289	.55	4	211	53	116	29	0.73	159
Dyers	289	1.40	5	1,054	211	1,464	293	3.65	401
Engineer	337	2.05½	1	321	321	660	660	0.95	693
Filling carriers	289	.93	1	263	263	244	244	0.91	268
	289	1.75	1	258	258	452	452	0.89	506
Total	289	1.33½	2	521	261	696	348	1.80	386
Finishers	289	.50	1	2	2	1	1	0.01	145
	289	.77	3	258	86	197	66	0.89	221
	289	.90	1	206	206	183	183	0.71	257
	289	1.00	1	18	18	18	18	0.06	289
Total	289	.82½	6	484	81	399	67	1.67	238
Fullers	289	1.50	2	488	244	730	365	1.69	432
Giggers	289	.50	1	10	10	5	5	0.03	145
	289	.75	3	66	22	49	16	0.23	215
	289	1.00	8	322	40	317	40	1.11	285
	289	1.15	3	386	129	430	143	1.34	322
	289	1.25	1	51	51	64	64	0.18	363
Total	289	1.03½	16	835	52	865	54	2.89	299
Laborers	289	.75	1	142	142	106	106	0.49	216
	289	1.25	3	258	86	321	107	0.89	360
	289	2.75	1	4	4	11	11	0.01	795
Total	289	1.08½	5	404	81	438	88	1.39	313
Loom fixers	289	1.60	1	266	266	427	427	0.92	464
	289	2.00	2	534	267	1,068	534	1.85	578
Total	289	1.87	3	800	267	1,495	498	2.77	540
Machinist	289	1.91⅓	1	111	111	211	211	0.38	549
Overseer, carding department	289	3.25	1	263	263	853	853	0.91	937
Overseer, dyeing room	289	4.00	1	264	264	1,057	1,057	0.91	1,157
Overseer, finishing department	289	2.60	1	271	271	698	698	0.94	744
Overseer, spinning department	289	2.75	1	261	261	718	718	0.90	795
Overseer, weaving department	289	3.00	1	269	269	806	806	0.93	866
Piecers	289	.45	1	9	9	4	4	0.03	128
	289	.50	1	32	32	16	16	0.11	145
	289	.77	1	81	81	62	62	0.28	221
	289	1.50	1	195	195	292	292	0.67	433
Total	289	1.18	4	317	79	374	94	1.09	341
Press hand	289	1.25	1	244	244	305	305	0.84	361

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. — —Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Roving carriers	289	$0.45	1	9	9	$4	$4	0.03	$128
	289	.55	1	106	106	60	60	0.37	164
	289	.70	1	179	179	129	129	0.62	208
Total	289	.65½	3	294	98	193	64	1.02	190
Scourer	289	1.50	1	264	264	390	390	0.91	427
Second hand	289	1.65	1	256	256	423	423	0.89	478
Sorters	289	1.00	1	127	127	127	127	0.44	289
	289	1.75	4	666	167	1,166	292	2.30	506
	289	2.25	1	213	213	479	479	0.74	650
Total	289	1.76	6	1,006	168	1,772	295	3.48	509
Spinners	289	.30	1	20	20	6	6	0.07	87
	289	.50	7	233	33	116	17	0.81	144
	289	.60	4	232	58	132	33	0.80	164
	289	.65	3	338	113	216	72	1.17	185
	289	.75	8	1,527	191	1,133	142	5.28	214
	289	.80	4	661	165	527	132	2.29	230
Total	289	.70½	27	3,011	112	2,130	79	10.42	204
Spoolers	289	.40	2	58	29	24	12	0.20	120
	289	.50	3	78	26	39	13	0.27	145
	289	.55	1	123	123	68	68	0.43	160
	289	.60	2	80	40	47	24	0.28	170
	289	.65	3	365	122	237	79	1.26	188
	289	.82	1	113	113	92	92	0.39	235
Total	289	.62	12	817	68	507	42	2.83	179
Teamster	289	1.53½	1	285	285	440	440	0.99	446
Twisters	289	.40	2	148	74	59	30	0.51	115
	289	.50	1	223	223	116	116	0.77	150
	289	.60	1	177	177	104	104	0.61	170
Total	289	.51	4	548	137	279	70	1.89	147
Washer	289	1.37	1	73	73	100	100	0.25	396
Watchman	337	1.31½	1	336	336	440	440	1.00	441
Weavers	289	(a)	63	(a)	(a)	11,768	187	(a)	(a)
Winders	289	.43	4	258	65	111	28	0.89	124
The establishment	.....	(b)	235	(b)	(b)	36,192	154	(b)	(b)

ESTABLISHMENT No. —.

[No statement of cost of production for this establishment is shown in Table III.]

Burlers	313	$1.00	13	1,787	137	$1,780	$137	5.71	$312
Card stripper	313	1.25	1	261	261	326	326	0.83	391
Carders	313	.90½	1	236	236	214	214	0.75	284
	313	1.00	12	1,317	110	1,317	110	4.21	313
Total	313	.98½	13	1,553	119	1,531	118	4.96	309
Drawer-in	313	1.25	1	265	265	332	332	0.85	392
Dresser	313	1.40	1	259	259	362	362	0.83	437

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Continued.

ESTABLISHMENT No. — —Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Dyers	313	$1.35	4	645	161	$861	$215	2.06	$418
	313	1.50	2	434	217	658	329	1.39	475
Total	313	1.41	6	1,079	180	1,519	253	3.45	441
Engineer	313	3.00	1	317	317	951	951	1.01	939
Filling carrier	313	1.50	1	176	176	264	264	0.56	470
Finishers	313	1.10	3	696	232	767	256	2.22	345
	313	1.25	6	1,058	176	1,322	220	3.38	391
	313	1.35	1	180	180	241	241	0.58	419
Total	313	1.20½	10	1,934	193	2,330	233	6.18	377
Fireman	313	1.75	1	342	342	599	599	1.09	548
Hander-in	313	1.10	1	145	145	159	159	0.46	343
Loom fixer	313	2.50	1	265	265	661	661	0.85	781
Overseer, carding department	313	3.50	1	276	276	966	966	0.88	1,096
Overseers, dyeing room	313	2.50	1	203	203	506	506	0.65	780
	313	3.00	1	43	43	129	129	0.14	939
Total	313	2.58	2	246	123	635	318	0.79	808
Overseers, finishing department.	313	2.00	1	261	261	521	521	0.83	625
	313	2.25	1	275	275	619	619	0.88	705
Total	313	2.12½	2	536	268	1,140	570	1.71	666
Overseer, spinning department	313	3.00	1	268	268	803	803	0.86	938
Overseer, weaving department	313	3.00	1	264	264	792	792	0.84	939
Pickers	313	.80	1	95	95	76	76	0.30	250
	313	1.00	3	365	122	365	122	1.17	313
Total	313	.96	4	460	115	441	110	1.47	300
Second hand	313	2.00	1	168	168	336	336	0.54	626
Spinners	313	(a)	11	(a)	(a)	1,762	160	(a)	(a)
Spoolers	313	(a)	7	(a)	(a)	555	79	(a)	(a)
Watchman	365	1.64½	1	365	365	600	600	1.00	600
Weavers	313	(a)	33	(a)	(a)	5,843	177	(a)	(a)
The establishment	.....	(b)	114	(b)	(b)	24,687	217	(b)	(b)

ESTABLISHMENT No. —.

[No statement of cost of production for this establishment is shown in Table III.]

Card feeders	313	$0.75	2	595	298	$442	$221	1.90	$233
Cleaner	313	.50	1	121	121	60	60	0.39	155
Cloth inspector	313	2.50	1	298	298	746	746	0.95	784
Cloth-room hands	313	.91½	2	565	283	517	259	1.81	286
	313	1.00	1	298	298	298	298	0.95	313
Total	313	.94½	3	863	288	815	272	2.76	296
Drawer-in	313	.83½	1	292	292	244	244	0.93	262
Engineer	313	2.75	1	311	311	856	856	0.99	862
Filling carriers	313	.62½	2	402	201	251	126	1.28	195
Finisher	313	.83½	1	133	133	110	110	0.42	259

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

J.—Woollen and Worsted Textiles: UNITED STATES—Concluded.

ESTABLISHMENT No. ——Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Fireman	313	$1.58½	1	312	312	$494	$494	1.00	$496
Harness hand	313	.40	1	268	268	105	105	0.86	123
Overseer, carding department	313	3.50	1	296	296	1,037	1,037	0.95	1,097
Overseer, dyeing room	313	3.00	1	299	299	897	897	0.96	939
Overseer, spinning department	313	2.50	1	300	300	750	750	0.96	783
Overseer, weaving department	313	2.50	1	300	300	750	750	0.96	783
Second hands	313	1.25	1	301	301	376	376	0.96	391
	313	1.66½	1	304	304	506	506	0.97	521
Total	313	1.46	2	605	303	882	441	1.93	456
Sorters	313	.75	2	445	223	334	167	1.42	235
Spinners, mule	313	.60	1	228	228	133	133	0.73	183
	313	.66½	4	558	140	382	96	1.78	214
	313	.71½	1	294	294	210	210	0.94	224
	313	.83½	2	238	119	198	99	0.76	260
Total	313	.70	8	1,318	165	923	115	4.21	219
Washers	313	1.25	1	266	266	333	333	0.85	392
	313	1.50	2	303	152	455	228	0.97	470
Total	313	1.38½	3	569	190	788	263	1.82	433
Waste pickers	313	1.00	1	300	300	300	300	0.96	313
	313	1.25	1	304	304	380	380	0.97	391
	313	1.50	1	99	99	149	149	0.32	471
Total	313	1.18	3	703	234	829	276	2.25	369
Watchman	365	1.18	1	365	365	432	432	1.00	432
Weavers	313	(a)	54	(a)	(a)	9,250	171	(a)	(a)
The establishment		(b)	91	(b)	(b)	20,995	231	(b)	(b)

K.—Woollen and Worsted Textiles: CONTINENT OF EUROPE.

ESTABLISHMENT No. 42.

Back boys	313	$0.17½	7	1,521	217	$265	$38	4.86	$55
Blacksmith	313	.87	1	304	304	264	264	0.97	272
Blacksmith's helpers	313	.67½	2	622	311	420	210	1.99	211
Boilermaker	313	1.05½	1	370	370	391	391	1.18	331
Brusher	313	.34	1	183	183	62	62	0.58	106
Burlers	313	.32	58	13,249	228	4,234	73	42.33	100
	313	.43½	2	580	290	253	127	1.85	137
Total	313	.32½	60	13,829	230	4,487	75	44.18	102
Card strippers	313	.65	1	298	298	193	193	0.95	203
	313	.77	1	294	294	227	227	0.94	242
	313	1.10	1	298	298	328	328	0.95	345
Total	313	.84	3	890	297	748	249	2.84	263
Carders	313	.34	6	1,691	282	574	96	5.40	106

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

K.—Woollen and Worsted Textiles: CONTINENT OF EUROPE—Continued.

ESTABLISHMENT No. 42—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Carpenters	313	$0.82	1	313	313	$257	$257	1.00	$257
	313	.91½	1	394	394	361	361	1.26	287
	313	.96½	2	738	369	712	356	2.36	302
Total	313	.92	4	1,445	361	1,330	333	4.62	288
Cloth inspectors	313	.43½	5	1,449	290	633	127	4.63	137
	313	.48½	3	841	280	407	136	2.69	151
	313	.77	1	338	338	261	261	1.08	242
	313	.87	2	652	326	566	283	2.08	272
Total	313	.57	11	3,280	298	1,867	170	10.48	178
Cloth-room hands	313	.74	1	313	313	232	232	1.00	232
	313	.77	1	286	286	221	221	0.91	242
	313	.89	1	313	313	278	278	1.00	278
	313	.92½	1	313	313	290	290	1.00	290
	313	.98½	1	313	313	309	309	1.00	309
	313	1.03½	1	313	313	324	324	1.00	324
	313	1.11	4	1,252	313	1,390	348	4.00	348
	313	2.22	1	313	313	695	695	1.00	695
Total	313	1.09½	11	3,416	311	3,739	340	10.91	343
Combers	313	.35½	1	283	283	101	101	0.90	112
	313	.36½	1	285	285	104	104	0.91	114
	313	.38½	1	277	277	107	107	0.88	121
Total	313	.37	3	845	282	312	104	2.69	116
Drawers-in	313	.37	36	8,377	233	3,085	86	26.76	115
	313	.46½	2	546	273	253	127	1.74	145
Total	313	.37½	38	8,923	235	3,338	88	28.50	117
Drawing-frame tenders	313	.36	10	2,506	251	900	90	8.01	112
Dressers	313	.34	8	1,342	168	453	57	4.29	106
Engineers	313	.67½	1	375	375	254	254	1.20	212
	313	.87	1	282	282	245	245	0.90	272
	313	.91½	1	317	317	251	291	1.01	287
	313	.96½	3	1,029	343	993	331	3.29	302
Total	313	.89	6	2,003	334	1,783	297	6.40	279
Engineers' helpers	313	.48½	2	281	141	135	68	0.90	150
Finishers	313	.36½	5	1,438	288	527	105	4.59	115
	313	.38½	8	2,288	286	882	110	7.31	121
Total	313	.38	13	3,726	287	1,409	108	11.90	118
Firemen	313	.67½	2	334	167	226	113	1.07	212
	313	.82	1	383	383	314	314	1.22	257
	313	.87	2	622	311	540	270	1.99	272
Total	313	.80½	5	1,339	268	1,080	216	4.28	252
Folders	313	.23	1	42	42	10	10	0.13	75
	313	.34	10	1,810	181	611	61	5.78	106
	313	.37½	10	2,512	251	945	95	8.03	118
Total	313	.36	21	4,364	208	1,566	75	13.94	112
Gasman	313	.77	1	259	259	200	200	0.83	242
Harness hand	313	.72½	1	332	332	240	240	1.06	226
Knitters	313	.42	13	3,710	285	1,552	119	11.85	131

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

K.—Woollen and Worsted Textiles: CONTINENT OF EUROPE—Continued.

ESTABLISHMENT No. 42—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Laborers	313	$0.25	18	3,849	214	$963	$54	12.30	$78
	313	.45	15	3,880	259	1,753	117	12.40	141
Total	313	.35	33	7,729	234	2,716	82	24.70	110
Loom fixers	313	.74	1	313	313	232	232	1.00	232
	313	.77	2	632	316	495	248	2.02	245
	313	.87	1	286	286	248	248	0.91	271
	313	.92½	7	2,191	313	2,027	290	7.00	290
	313	.98½	2	626	313	618	309	2.00	309
Total	313	.89½	13	4,048	311	3,620	278	12.93	280
Machinists	313	.67⅓	1	315	315	213	213	1.01	212
	313	.88	3	1,082	361	953	318	3.46	276
Total	313	.83½	4	1,397	349	1,166	292	4.47	261
Measurer	313	.38½	1	300	300	115	115	0.96	120
Overseers	313	1.80½	1	313	313	565	565	1.00	565
	313	2.22	1	313	313	695	695	1.00	695
Total	313	2.01½	2	626	313	1,260	630	2.00	630
Overseer, carding department	313	1.55½	1	298	298	463	463	0.95	486
Overseer, combing department	313	1.42½	1	298	298	425	425	0.95	446
Overseer, dressing room	313	.82	1	360	360	295	295	1.15	256
Overseer, spinning department	313	1.11	1	313	313	354	354	1.00	354
Overseers, weaving department	313	.92½	2	626	313	579	290	2.00	290
	313	.98½	8	2,504	313	2,471	309	8.00	309
	313	1.23½	1	313	313	386	386	1.00	386
	313	1.29½	1	313	313	405	405	1.00	405
	313	1.35½	1	313	313	425	425	1.00	425
	313	1.60½	1	313	313	502	502	1.00	502
	313	1.85	1	313	313	579	579	1.00	579
Total	313	1.14	15	4,695	313	5,347	356	15.00	356
Packer	313	.63	1	320	320	201	201	1.02	197
Piecers	313	.27½	23	6,103	265	1,664	72	19.50	85
	313	.50	10	2,950	295	1,469	147	9.42	156
Total	313	.34½	33	9,053	274	3,133	95	28.92	108
Scourers	313	.62½	1	296	296	186	186	0.95	197
	313	.67½	1	326	326	220	220	1.04	211
Total	313	.65½	2	622	311	406	203	1.99	204
Second hands	313	.41	9	2,383	265	978	109	7.61	129
	313	.85	1	289	289	245	245	0.92	265
Total	313	.46	10	2,672	267	1,223	122	8.53	143
Slasher tenders	313	.58	2	355	178	206	103	1.13	182
	313	.62½	1	186	186	117	117	0.59	197
	313	.67½	9	1,971	219	1,338	149	6.30	212
	313	.77	2	604	302	462	231	1.93	239
	313	.87	1	304	304	264	264	0.97	272
	313	.96½	8	2,315	289	2,234	279	7.40	302
Total	313	.80½	23	5,735	249	4,621	201	18.32	252

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

K.—Woollen and Worsted Textiles: CONTINENT OF EUROPE—Continued.

ESTABLISHMENT No. 42—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Slasher tenders, head	313	$1.17	1	313	313	$367	$367	1.00	$367
	313	1.54	1	313	313	483	483	1.00	483
Total	313	1.36	2	626	313	850	425	2.00	425
Sorters	313	.34	2	598	299	197	99	1.91	103
	313	.38⅜	5	1,160	232	448	90	3.71	121
	313	.43½	2	479	240	199	100	1.53	130
Total	313	.37½	9	2,237	249	844	94	7.15	118
Spinners	313	.95½	10	2,949	295	2,817	282	9.42	299
Stitchers	313	.37½	151	32,376	214	12,128	80	103.44	117
Threaders	313	.23	15	868	58	201	13	2.77	72
	313	.24	12	2,625	219	637	53	8.39	76
	313	.29	2	478	239	138	69	1.53	90
	313	.34	1	295	295	100	100	0.94	106
Total	313	.25	30	4,266	142	1,076	36	13.63	79
Tinsmith	313	.72½	1	271	271	196	196	0.87	226
Warehouseman	313	.62½	1	312	312	196	196	1.00	197
Warpers	313	.33½	102	15,997	157	5,397	53	51.11	106
	313	.43½	20	5,354	268	2,325	116	17.11	136
Total	313	.36	122	21,351	175	7,722	63	68.22	113
Watchmen	365	.69	2	730	365	502	251	2.00	251
Weavers	313	.38	158	37,273	236	14,080	89	119.08	118
	313	.60½	120	20,259	169	12,215	102	64.73	189
	313	.79½	404	84,772	210	67,519	167	270.84	249
	313	.98	21	3,910	186	3,835	183	12.49	307
	313	(a)	297	(a)	(a)	31,036	104	(a)	(a)
Total	313	(b)	1,000	(b)	(b)	128,685	129	(b)	(b)
Wheelman	313	.82	1	301	301	247	247	0.96	257
Winders	313	.35½	10	2,783	278	991	99	8.89	111
Yarn inspectors	313	.67½	1	296	296	199	199	0.95	210
	313	.74	2	626	313	463	232	2.00	232
	313	.80	1	313	313	251	251	1.00	251
	313	1.11	1	313	313	347	347	1.00	347
	313	1.29½	1	313	313	405	405	1.00	405
Total	313	.89½	6	1,861	310	1,665	278	5.95	280
The establishment	------	(b)	1,714	(b)	(b)	210,379	123	(b)	(b)

ESTABLISHMENT No. —.

[No statement of cost of production for this establishment is shown in Table III.]

Finishers	156	$0.29	2	312	156	$91	$46	2.00	$46
	156	.35	1	156	156	55	55	1.00	55
	156	.37	2	312	156	116	58	2.00	58
	156	.41	4	624	156	256	64	4.00	64
Total	156	.37	9	1,404	156	518	58	9.00	58
Finishers and measurers	156	.57½	4	624	156	359	90	4.00	90

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

K.—Woollen and Worsted Textiles: CONTINENT OF EUROPE—Concluded.

ESTABLISHMENT No.— —Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Overseer	156	$1.30	1	156	156	$202	$202	1.00	$202
Packers	156	.27	2	312	156	85	43	2.00	43
	156	.35	2	312	156	110	55	2.00	55
Total	156	.31½	4	624	156	195	49	4.00	49
Pattern makers	156	.23	5	780	156	181	36	5.00	36
Piecer	156	.47	1	156	156	73	73	1.00	73
Slasher tender	156	.58½	1	156	156	92	92	1.00	92
Weavers	156	(a)	65	(a)	(a)	b 4,207	b 65	(a)	(a)
Yarn carrier	156	.58½	1	156	156	92	92	1.00	92
The establishment	-------	(c)	91	(c)	(c)	5,919	65	(c)	(c)

L.—Linen Textiles: CONTINENT OF EUROPE.

ESTABLISHMENT No.—.

[No statement of cost of production for linen textiles, continent of Europe, is shown in Part I.]

Engineer	144	$0.59	1	144	144	$85	$85	1.00	$85
Finishers	144	.23½	2	288	144	68	34	2.00	34
Laborers	144	.17⅓	5	576	115	102	20	4.00	26
Loom fixers	144	.54	3	360	120	195	65	2.50	78
	144	.78½	1	144	144	113	113	1.00	113
Total	144	.61	4	504	126	308	77	3.50	88
Machinist	144	.43	1	144	144	62	62	1.00	62
Overseers	144	.93	2	288	144	268	134	2.00	134
Overseers, assistant	144	.61	3	432	144	263	88	3.00	88
Packers	144	.31½	3	432	144	136	45	3.00	45
Patternmaker	144	.32½	1	144	144	47	47	1.00	47
Piecer	144	.17	1	141	141	24	24	0.98	25
Teamster	144	.41	1	144	144	59	59	1.00	59
Warehousemen	144	.19⅓	4	408	102	80	20	2.83	28
Warpers	144	.22	7	816	117	178	25	5.67	31
	144	.42½	7	912	130	386	55	6.33	61
Total	144	.32½	14	1,728	123	564	40	12.00	47
Weavers	144	.33	62	8,192	132	2,693	43	56.89	47
	144	.47½	9	1,128	125	533	59	7.83	68
Total	144	.34½	71	9,320	131	3,226	45	64.72	50
Winders	144	.21	4	444	111	94	24	3.08	30
The establishment	-------	.35½	117	15,137	129	5,386	46	105.11	51

M.—Linen Yarns: CONTINENT OF EUROPE.

ESTABLISHMENT No.—.

[No statement of cost of production for linen yarns is shown in Part I.]

Band fixer	313	$0.59½	1	309	309	$184	$184	0.99	$186
Blacksmiths	313	.66	2	599	300	394	197	1.91	206
Blacksmiths' helpers	313	.57	4	1,189	297	680	170	3.80	179

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b A compulsory insurance for sickness of 3⅓ cents per week should be deducted from the earnings here given.
c No total can be made for the reason shown in the preceding footnote *a*.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

M.—Linen Yarns: CONTINENT OF EUROPE—Continued.

ESTABLISHMENT No. — —Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Bobbin boys	313	$0.36	13	3,147	242	$1,127	$87	10.05	$112
Carders	313	.46½	35	6,543	187	3,045	87	20.90	146
Carpenters	313	.60½	5	1,208	242	731	146	3.86	189
	313	.85½	1	306	306	261	261	0.98	267
Total	313	.65½	6	1,514	252	992	165	4.84	205
Drawing-frame tenders	313	.30½	119	19,555	164	5,952	50	62.48	95
Driers	313	.31	21	2,195	105	685	33	7.01	98
	313	.58	36	10,487	291	6,065	168	33.50	181
Total	313	.53	57	12,682	222	6,750	118	40.51	167
Engineers	313	.76½	4	1,122	281	858	215	3.58	239
Firemen	313	.75	8	2,367	296	1,770	221	7.56	234
Flax breakers	313	.30½	128	20,494	160	6,299	49	65.48	96
Foremen, carpenters	313	1.08	2	614	307	662	331	1.96	337
Foreman, laborers	313	.66	1	300	300	198	198	0.96	207
Hacklemakers	313	.56	3	904	301	504	168	2.89	175
Hacklers	313	.46½	70	9,758	139	4,533	65	31.18	145
Iron turners	313	.76½	2	609	305	467	234	1.95	240
Laborers	313	.40½	73	16,180	222	6,584	90	51.69	127
	313	.54½	64	17,428	272	9,517	149	55.68	171
	313	.77½	2	516	258	400	200	1.65	243
Total	313	.48½	139	34,124	245	16,501	119	109.02	151
Machinists	313	.56	3	686	229	384	128	2.19	175
	313	.76½	7	1,869	267	1,427	204	5.97	239
Total	313	.71	10	2,555	256	1,811	181	8.16	222
Machinists' helper	313	.22½	1	303	303	68	68	0.97	70
Mason	313	.60	1	301	301	181	181	0.96	188
Master machinist	313	1.20	1	293	293	351	351	0.94	375
Messenger	313	.80½	1	300	300	241	241	0.96	251
Oilers	313	.55	2	519	260	286	143	1.66	172
Overseers	313	.60½	2	608	304	367	184	1.94	189
	313	.90	1	239	239	215	215	0.76	282
	313	1.10	3	912	304	1,005	335	2.91	345
	313	1.48½	1	300	300	445	445	0.96	464
Total	313	.98½	7	2,059	294	2,032	290	6.57	309
Overseers, carding department	313	1.03½	2	600	300	620	310	1.92	323
Overseers, hacklers	313	.71½	3	901	300	646	215	2.88	224
	313	1.46½	1	300	300	440	440	0.96	459
Total	313	.90½	4	1,201	300	1,086	272	3.84	283
Overseer, spinning department	313	1.15½	1	300	300	346	346	0.96	361
Overseer, spooling department	313	1.02	1	300	300	306	306	0.96	319
Packers	313	.71½	4	1,195	299	856	214	3.82	224
Painter	313	.70½	1	289	289	204	204	0.92	221
Patternmaker	313	.71	1	301	301	214	214	0.96	223
Repairer	313	.56½	1	304	304	171	171	0.97	176
Roughers	313	.53½	12	2,507	209	1,341	112	8.01	167
Second hands	313	.70½	4	1,236	309	874	219	3.95	221
Sorters	313	.67½	24	6,304	263	4,252	177	20.14	211
Speeders	313	.33½	18	4,151	231	1,398	78	13.26	105
Spinners	313	.39½	110	28,688	261	11,305	103	91.65	123
	313	.62	53	11,576	218	7,181	135	36.98	194
Total	313	.46	163	40,264	247	18,486	113	128.63	144

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

M.—Linen Yarns: CONTINENT OF EUROPE—Concluded.

ESTABLISHMENT No. — —Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Spoolers	313	$0.41½	76	19,158	252	$7,925	$104	61.21	$129
Spreaders	313	.36	14	4,182	299	1,506	108	13.36	113
Timekeepers	313	.39	1	306	306	120	120	0.98	123
	313	.68	1	300	300	204	204	0.96	213
	313	.91	1	300	300	273	273	0.96	285
Total	313	.66	3	906	302	597	199	2.90	206
Twisters	313	.32½	10	2,548	255	824	82	8.14	101
	313	.48½	1	306	306	149	149	0.98	152
Total	313	.34	11	2,854	259	973	88	9.12	107
Warehousemen	313	.53½	10	1,763	176	942	94	5.63	167
	313	.70	1	305	305	213	213	0.97	219
Total	313	.56	11	2,068	188	1,155	105	6.60	175
Watchmen	365	.55½	2	628	314	349	175	1.72	203
Wood turners	313	.57	2	596	298	341	171	1.90	179
Yard hands	313	.46½	9	2,263	251	1,051	117	7.23	145
The establishment		.47	981	213,767	218	99,937	102	682.66	146

N.—Silk Textiles: CONTINENT OF EUROPE.

ESTABLISHMENT No. 4.

Engineer	313	$0.96½	1	342	342	$330	$330	1.09	$302
Finishers	313	.33	39	8,840	227	2,901	74	28.24	103
	313	.46½	15	4,298	287	2,004	134	13.73	146
Total	313	.37½	54	13,138	243	4,905	91	41.97	117
Laborers	313	.53	6	961	160	511	85	3.07	166
	313	.63	9	2,120	236	1,340	149	6.77	198
	313	.89½	7	1,855	265	1,658	237	5.93	280
Total	313	.71	22	4,936	224	3,509	160	15.77	223
Overseers	313	.94½	9	2,508	279	2,366	263	8.01	295
Piecers	313	.38	19	2,325	122	883	46	7.43	119
	313	.56	24	5,699	237	3,195	133	18.21	175
	313	.76	4	933	233	709	177	2.98	238
Total	313	.53½	47	8,957	191	4,787	102	28.62	167
Spoolers	313	.36½	85	15,052	177	5,467	64	48.09	114
	313	.57½	2	378	189	217	109	1.21	180
Total	313	.37	87	15,430	177	5,684	65	49.30	115
Threaders	313	.40½	16	2,233	140	907	57	7.13	127
Warpers	313	.32	51	9,650	189	3,112	61	30.83	101
	313	.50½	134	33,770	252	17,077	127	107.89	158
	313	.70½	21	5,404	257	3,814	182	17.27	221
	313	1.10	2	315	158	347	174	1.01	345
Total	313	.49½	208	49,139	236	24,350	117	157.00	155

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

N.—Silk Textiles: CONTINENT OF EUROPE.—Concluded.

ESTABLISHMENT No. 4—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Weavers	313	$0.45	186	32,431	174	$14,544	$78	103.61	$140
	313	.55½	193	44,607	231	24,677	128	142.51	173
Total	313	.51	379	77,038	203	39,221	103	246.12	159
Winders	313	.43½	87	15,737	181	6,855	79	50.28	136
	313	.63	35	9,132	261	5,735	164	29.18	197
	313	.80	1	277	277	221	221	0.88	250
Total	313	.51	123	25,146	204	12,811	104	80.34	159
The establishment		.49½	946	198,867	210	98 870	105	635.35	156

O.—Window Glass: UNITED STATES.

ESTABLISHMENT No. 2.

Blacksmith	313	$2.13½	1	246	246	$525	$525	0.79	$668
Blacksmith's helper	313	1.50	1	232	232	348	348	0.74	470
Blowers	260	4.00	1	2	2	8	8	0.01	1,040
	260	5.17½	1	51	51	264	264	0.20	1,346
	260	5.56½	5	499	100	2,778	556	1.92	1,447
	260	5.80	3	486	162	2,819	940	1.87	1,508
	260	6.03½	3	309	103	1,865	622	1.19	1,569
	260	6.54	2	315	158	2,060	1,030	1.21	1,700
	260	6.81½	1	141	141	961	961	0.54	1,772
	260	7.40½	1	69	69	511	511	0.27	1,926
	260	7.85	3	358	119	2,811	937	1.38	2,042
	260	9.56½	1	171	171	1,636	1,636	0.66	2,487
	260	10.12½	1	171	171	1,731	1,731	0.66	2,632
Total	260	6.78	22	2,572	117	17,444	793	9.91	1,763
Coal wheelers	260	1.76	4	247	62	435	109	0.95	458
	260	2.00½	5	302	60	606	121	1.16	522
	260	2.49½	1	228	228	569	569	0.88	649
Total	260	2.07	10	777	78	1,610	161	2.99	539
Cutters	313	4.55½	3	614	205	2,798	933	1.96	1,426
	313	4.75½	1	198	198	941	941	0.63	1,488
	313	5.43½	2	417	209	2,267	1,134	1.33	1,702
Total	313	4.88½	6	1,229	205	6,006	1,001	3.92	1,530
Engineer	313	2.40½	1	240	240	577	577	0.77	753
Flatteners	260	6.15	1	108	108	664	664	0.42	1,599
	260	6.50½	1	169	169	1,099	1,099	0.65	1,691
	260	6.74½	2	340	170	2,294	1,147	1.31	1,754
	260	6.90½	1	63	63	435	435	0.24	1,795
Total	260	6.60½	5	680	136	4,492	898	2.62	1,718
Furnacemen	260	1.50½	1	162	162	244	244	0.62	392
	260	2.03½	1	167	167	340	340	0.64	529
	260	2.34	3	389	130	910	303	1.50	608
Total	260	2.08	5	718	144	1,494	299	2.76	541
Gatherers	260	3.19½	3	208	69	665	222	0.80	831
	260	3.47½	4	344	86	1,195	299	1.32	903

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

O.—Window Glass: UNITED STATES—Continued.

ESTABLISHMENT No. 2—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Gatherers—concluded	260	$3.77½	5	403	81	$1,522	$304	1.55	$982
	260	3.94½	5	627	125	2,472	494	2.41	1,025
	260	4.24	1	167	167	708	708	0.64	1,102
	260	4.46½	2	172	86	768	384	0.66	1,161
	260	4.72	3	497	166	2,346	782	1.91	1,227
	260	5.33⅓	1	3	3	16	16	0.01	1,387
	260	5.40⅓	1	135	135	730	730	0.52	1,406
	260	6.19	1	167	167	1,034	1,034	0.64	1,610
Total	260	4.20½	26	2,723	105	11,456	441	10.46	1,094
Laborers	313	1.00	1	18	18	18	18	0.06	313
	313	1.50	20	1,408	70	2,132	107	4.50	474
	313	1.93	3	69	23	133	44	0.22	603
	313	2.19½	2	36	18	79	40	0.12	687
Total	313	1.54½	26	1,531	59	2,362	91	4.90	483
Layers-in	260	1.52	2	360	180	547	274	1.38	395
	260	1.79½	2	322	161	578	289	1.24	467
Total	260	1.65	4	682	171	1,125	281	2.62	429
Layers-out	260	2.00	1	150	150	299	299	0.58	518
	260	2.37½	1	64	64	152	152	0.25	618
Total	260	2.10½	2	214	107	451	226	0.83	548
Leersmen	313	1.62	3	373	124	605	202	1.19	508
	313	1.80	5	572	114	1,029	206	1.83	563
Total	313	1.73	8	945	118	1,634	204	3.02	541
Masons	313	2.26½	2	15	8	34	17	0.05	709
	313	2.57	1	7	7	18	18	0.02	805
	313	3.60	1	5	5	18	18	0.02	1,127
Total	313	2.59½	4	27	7	70	18	0.09	811
Master teasers	260	4.26½	2	216	108	921	461	0.83	1,109
Mixer	313	2.74	1	220	220	603	603	0.70	858
Packer	313	3.46	1	210	210	727	727	0.67	1,084
Potmaker	313	3.81	1	223	223	850	850	0.71	1,193
Potmaker's helpers	313	1.63	3	568	189	925	308	1.81	510
	313	1.75½	1	45	45	79	79	0.14	549
	313	2.20	1	197	197	433	433	0.63	688
	313	2.30½	1	56	56	129	129	0.18	721
	313	3.00	1	1	1	3	3	0.00	939
Total	313	1.81	7	867	124	1,569	224	2.76	566
Roller boys	260	.91	2	45	23	41	21	0.17	237
	260	1.05	5	209	42	219	44	0.80	272
	260	1.25	1	40	40	50	50	0.15	325
Total	260	1.05⅓	8	294	37	310	39	1.12	274
Roller carriers	260	.66½	3	413	138	275	92	1.59	173
	260	.91	4	114	29	104	26	0.44	237
	260	1.00	1	6	6	6	6	0.02	260
Total	260	.72	8	533	67	385	48	2.05	188
Snappers	260	1.33⅓	2	302	151	403	202	1.16	347
	260	1.58	2	247	124	390	195	0.95	411
Total	260	1.44½	4	549	137	793	198	2.11	376

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

O.—Window Glass: UNITED STATES—Continued.

ESTABLISHMENT No. 2—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Teamsters	313	$1.72½	4	352	88	$608	$152	1.12	$541
Teasers	260	2.26½	5	731	146	1,657	331	2.81	589
	260	2.82½	1	179	179	506	506	0.69	735
Total	260	2.37½	6	910	152	2,163	361	3.50	618
Teasers' helpers	260	.50	3	315	105	158	53	1.21	130
Warehouseman	313	1.60	1	244	244	390	390	0.78	500
Watchman	365	1.18	1	335	335	396	396	0.92	431
The establishment	-------	3.29	168	18,084	108	a59,467	354	64.90	916

ESTABLISHMENT No. 3.

Batch wheelers	260	$2.61½	3	555	185	$1,451	$484	2.13	$380
Blacksmith	313	4.16½	1	243	243	1,012	1,012	0.78	1,304
Blowers	260	3.70	2	70	35	259	130	0.27	962
	260	4.13½	1	45	45	186	186	0.17	1,075
	260	4.54	4	360	90	1,634	409	1.38	1,180
	260	4.84	1	175	175	847	847	0.67	1,258
	260	5.07½	1	40	40	203	203	0.15	1,320
	260	5.24½	6	810	135	4,247	708	3.12	1,363
	260	5.45	1	140	140	763	763	0.54	1,417
	260	6.07½	4	425	106	2,582	646	1.63	1,580
	260	6.37	1	170	170	1,083	1,083	0.65	1,656
	260	6.55	2	120	60	786	393	0.46	1,703
	260	6.85½	1	160	160	1,097	1,097	0.62	1,783
	260	7.05	1	147	147	1,036	1,036	0.57	1,832
	260	7.28½	2	358	179	2,608	1,304	1.38	1,894
	260	7.48½	1	180	180	1,347	1,347	0.69	1,946
	260	7.81	1	100	100	781	781	0.38	2,031
	260	8.33½	1	195	195	1,625	1,625	0.75	2,167
	260	9.01½	1	185	185	1,668	1,668	0.71	2,344
	260	9.50	1	190	190	1,805	1,805	0.73	2,470
	260	11.00	1	193	193	2,123	2,123	0.74	2,860
	260	12.72½	1	185	185	2,354	2,354	0.71	3,308
	260	13.37	1	185	185	2,473	2,473	0.71	3,476
Total	260	7.10½	35	4,433	127	31,507	900	17.03	1,848
Clay grinder	313	1.35	1	93	93	126	126	0.30	424
Clay trampers	313	1.50	3	606	202	914	305	1.94	472
Clay tramper and laborer	313	1.43½	1	233	233	334	334	0.74	449
Cutters	313	3.83	1	219	219	839	839	0.70	1,199
	313	4.43½	2	420	210	1,862	931	1.34	1,388
	313	4.65	2	354	177	1,646	823	1.13	1,455
	313	5.05½	1	234	234	1,183	1,183	0.75	1,582
	313	5.20½	1	222	222	1,156	1,156	0.71	1,630
	313	5.38	2	468	234	2,519	1,260	1.50	1,685
Total	313	4.80	9	1,917	213	9,205	1,023	6.13	1,503
Cutter, boss	313	5.48½	1	234	234	1,283	1,283	0.75	1,716
Fillers-in	260	2.28½	1	14	14	32	32	0.05	594
	260	2.55	1	188	188	479	479	0.72	662
Total	260	2.53	2	202	101	511	256	0.77	658
Flatteners	260	4.25	1	222	222	944	944	0.85	1,106

a The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

O.—Window Glass: UNITED STATES—Continued.

ESTABLISHMENT No. 3—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Flatteners—concluded	260	$4.98	1	230	230	$1,145	$1,145	0.88	$1,294
	260	5.19	1	230	230	1,194	1,194	0.88	1,350
	260	5.70	3	666	222	3,725	1,265	2.56	1,482
	260	6.87	1	162	162	1,113	1,113	0.62	1,786
Total	260	5.42½	7	1,510	216	8,191	1,170	5.79	1,410
Gatherers	260	2.70	3	60	20	162	54	0.23	702
	260	2.99½	6	376	63	1,127	188	1.45	779
	260	3.35	4	270	68	905	226	1.04	871
	260	3.53	9	773	86	2,730	303	2.97	918
	260	3.71	8	613	77	2,273	284	2.36	964
	260	4.01⅓	5	479	96	1,924	385	1.84	1,044
	260	4.39	1	170	170	746	746	0.65	1,141
	260	4.58	3	440	147	2,016	672	1.69	1,191
	260	4.97	1	145	145	721	721	0.56	1,293
	260	5.42⅛	1	160	160	868	868	0.62	1,411
	260	5.87½	2	197	99	1,157	579	0.76	1,527
	260	5.99⅛	1	165	165	989	989	0.63	1,558
	260	6.40	1	195	195	1,248	1,248	0.75	1,664
	260	6.73½	1	190	190	1,280	1,280	0.73	1,752
Total	260	4.28⅓	46	4,233	92	18,146	394	16.28	1,115
Laborers	313	1.35	7	747	107	1,008	144	2.39	422
Laborer and layer-out	313	1.63	1	207	207	337	337	0.66	510
Laborer and mixer	313	2.14½	1	205	205	440	440	0.65	672
Laborer and mixer's helper	313	1.51	1	223	223	337	337	0.71	473
Laborer and pot-shell picker	313	1.88⅓	1	87	87	164	164	0.28	590
Laborers and teasers	365	1.62⅔	3	603	201	981	327	1.65	594
Layers-in	313	2.60	2	444	222	1,154	577	1.42	814
Layers-out	313	2.08⅓	4	828	207	1,724	431	2.65	652
Leersmen	313	1.92⅓	2	438	219	843	422	1.40	602
	313	2.16½	3	460	153	996	332	1.47	678
Total	313	2.05	5	898	180	1,839	368	2.87	641
Leersmen's helper	313	1.00	1	230	230	230	230	0.73	313
Master teasers	260	4.06½	1	78	78	315	315	0.30	1,050
	260	4.85	1	165	165	801	801	0.63	1,262
	260	5.77½	1	164	164	945	945	0.63	1,498
Total	260	5.06½	3	407	136	2,061	687	1.56	1,317
Mixer	260	2.61	1	187	187	488	488	0.72	679
Mixer's helper	260	2.27	1	129	129	293	293	0.50	591
Mixer's helper and teaser	365	2.01	1	246	246	495	495	0.67	734
Packer	313	5.65½	1	234	234	1,323	1,323	0.75	1,770
Potmaker	313	3.83⅓	1	313	313	1,200	1,200	1.00	1,200
Potmaker's helper	313	1.50	1	296	296	443	443	0.95	468
Pot-shell pickers	313	2.74	2	522	261	1,431	716	1.67	858
Roller boys	260	1.71	5	389	78	665	133	1.50	444
Roller carriers	260	1.13	10	541	54	612	61	2.08	294
Snappers	260	.65	32	3,686	115	2,396	75	14.18	169
	260	1.00	1	9	9	9	9	0.03	260
	260	1.37	1	191	191	262	262	0.73	357
	260	1.98	3	374	125	741	247	1.44	515
Total	260	.80	37	4,260	115	3,408	92	16.38	208
Teasers	365	1.80	7	1,076	154	1,936	277	2.95	657
Watchmen	365	1.57	2	707	354	1,111	556	1.94	574
The establishment	.....	3.43½	207	28,038	135	a 96,360	466	99.32	970

a The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

O.—Window Glass: UNITED STATES—Continued.

ESTABLISHMENT No. 6.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Blacksmith	313	$3.00	1	282	282	$842	$842	0.90	$935
Blowers	260	3.50	1	4	4	14	14	0.02	910
	260	3.90	1	10	10	39	39	0.04	1,014
	260	4.14	3	135	45	559	186	0.52	1,077
	260	4.79	1	24	24	115	115	0.09	1,246
	260	5.30½	2	72	36	382	191	0.28	1,379
	260	5.87½	2	176	88	1,034	517	0.68	1,528
	260	7.23	1	170	170	1,229	1,229	0.65	1,880
	260	7.37	3	510	170	3,758	1,253	1.96	1,916
	260	8.10½	1	170	170	1,378	1,378	0.65	2,108
Total	260	6.69½	15	1,271	85	8,508	567	4.89	1,740
Blower, boss	260	10.59	1	170	170	1,800	1,800	0.65	2,753
Boxmaker	313	1.50	1	279	279	420	420	0.89	471
Cutters	313	3.79½	2	140	70	531	266	0.45	1,187
	313	4.18	2	335	168	1,401	701	1.07	1,309
Total	313	4.06½	4	475	119	1,932	483	1.52	1,273
Cutter, boss	313	6.45	1	240	240	1,548	1,548	0.77	2,019
Flatteners	260	7.60	2	365	183	2,774	1,387	1.40	1,976
Gatherers	260	3.24⅔	2	130	65	422	211	0.50	844
	260	3.66	3	111	37	406	135	0.43	951
	260	3.86⅔	2	177	89	684	342	0.68	1,005
	260	4.62½	1	170	170	786	786	0.65	1,202
	260	4.84⅓	3	280	93	1,356	452	1.08	1,259
	260	5.24⅓	1	170	170	892	892	0.65	1,364
	260	5.91	1	148	148	875	875	0.57	1,537
	260	5.97½	1	130	130	777	777	0.50	1,554
Total	260	4.71	14	1,316	94	6,198	443	5.06	1,225
Laborers	313	1.25	12	438	37	549	46	1.40	392
	313	1.30½	1	154	154	215	215	0.49	437
Total	313	1.29	13	592	46	764	59	1.89	404
Layers-in	260	1.86	1	232	232	432	432	0.89	484
	260	2.00	1	199	199	398	398	0.77	520
Total	260	1.92½	2	431	216	830	415	1.66	501
Leersmen	313	1.50	2	418	209	623	312	1.34	467
Master teaser	260	5.81½	1	215	215	1,250	1,250	0.83	1,512
Mixers	313	1.55	2	541	271	839	420	1.73	485
Packer	313	2.17½	1	254	254	553	553	0.81	681
Potmaker	313	1.86½	1	292	292	544	544	0.93	583
Potmaker's helper	313	1.33½	1	273	273	365	365	0.87	418
Pot-shell picker	313	1.33½	1	293	293	391	391	0.94	418
Roller boys	260	.80	2	126	63	101	51	0.48	208
	260	1.00	1	13	13	13	13	0.05	260
Total	260	.82	3	139	46	114	38	0.53	213
Snappers	260	.60	8	865	108	519	65	3.33	156
	260	1.23½	2	328	164	405	203	1.26	321
	260	1.68	1	193	193	324	324	0.74	436
Total	260	.90	11	1,386	126	1,248	113	5.33	234

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

O.—Window Glass: UNITED STATES—Continued.

ESTABLISHMENT No. 6—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Teasers	365	$1.78½	1	274	274	$488	$488	0.75	$650
	365	2.14½	2	250	125	536	268	0.68	783
Total	365	1.95½	3	524	175	1,024	341	1.43	713
Watchmen	365	1.25	4	252	63	315	79	0.69	456
The establishment	.....	3.28½	84	10,608	119	32,882	391	35.06	938

ESTABLISHMENT No. 9.

Blacksmith	313	$1.25	1	208	208	$260	$260	0.66	$391
Blowers	260	5.76	2	329	165	1,895	948	1.27	1,498
	260	6.15	1	20	20	123	123	0.08	1,599
	260	6.29½	1	172	172	1,083	1,083	0.66	1,637
	260	6.60	1	174	174	1,148	1,148	0.67	1,715
	260	8.66	1	170	170	1,472	1,472	0.65	2,251
	260	9.37½	1	170	170	1,594	1,594	0.65	2,438
	260	9.92½	1	172	172	1,707	1,707	0.66	2,580
	260	10.22½	1	173	173	1,769	1,769	0.67	2,659
Total	260	7.82	9	1,380	153	10,791	1,199	5.31	2,033
Boxmakers	313	1.00	1	252	252	257	257	0.81	319
	313	1.25	1	306	306	382	382	0.98	391
	313	1.33½	1	273	273	364	364	0.87	417
Total	313	1.20½	3	831	277	1,003	334	2.66	378
Clay grinder	313	1.25	1	317	317	405	405	1.01	400
Clay tramper	313	1.25	1	306	306	383	383	0.98	392
Coal wheeler	260	2.00	1	173	173	346	346	0.67	520
Cutters	260	4.95½	2	406	203	2,011	1,006	1.56	1,288
Cutter, boss	260	7.24½	1	213	213	1,543	1,543	0.82	1,883
Flatteners	260	6.97½	1	192	192	1,339	1,339	0.74	1,813
	260	7.43	1	179	179	1,330	1,330	0.69	1,932
Total	260	7.19½	2	371	186	2,669	1,335	1.43	1,870
Gatherers	260	3.22½	1	179	179	577	577	0.69	838
	260	3.78	1	167	167	631	631	0.64	982
	260	4.09	2	346	173	1,415	708	1.33	1,063
	260	4.37	1	172	172	752	752	0.66	1,137
	260	5.44	1	166	166	903	903	0.64	1,414
	260	5.79	1	170	170	984	984	0.65	1,505
	260	6.17½	1	167	167	1,031	1,031	0.64	1,605
Total	260	4.69½	8	1,367	171	6,293	787	5.25	1,198
Laborers	313	1.25	7	669	96	836	119	2.14	391
Layer-in	260	1.80	1	165	165	298	298	0.63	470
Layer-out	260	1.71½	1	207	207	355	355	0.80	446
Leersmen	260	1.80	1	180	180	321	321	0.69	464
	260	2.14	1	187	187	400	400	0.72	556
Total	260	1.96½	2	367	184	721	361	1.41	511
Master teaser	260	3.03	1	233	233	706	706	0.90	788
Mixers	313	1.83½	2	414	207	759	380	1.32	574

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

O.—Window Glass: UNITED STATES—Continued.

ESTABLISHMENT No. 9—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Packers	313	$1.08⅓	2	296	148	$321	$161	0.95	$339
	313	1.50	1	162	162	243	243	0.52	470
Total	313	1.23	3	458	153	564	188	1.47	385
Potmaker	313	2.33½	1	309	309	721	721	0.99	730
Roller carriers	260	1.00	1	146	146	146	146	0.56	260
	260	1.20	1	158	158	192	192	0.61	316
Total	260	1.11	2	304	152	338	169	1.17	289
Snappers	260	1.18½	4	422	106	500	125	1.62	308
Teamster	313	1.66⅔	1	313	313	530	530	1.00	530
Teasers	313	1.83½	2	400	200	732	366	1.28	573
	260	2.20	1	174	174	381	381	0.67	569
	260	2.40	1	184	184	435	435	0.71	615
Total	285	2.04	4	758	190	1,548	387	2.66	582
Watchman	365	1.43	1	365	365	520	520	1.00	520
The establishment		3.23	59	10,556	179	34,100	578	37.46	910

ESTABLISHMENT No. 10.

Blacksmith	313	$1.53½	1	33	33	$50	$50	0.11	$474
Blowers	260	3.66½	1	3	3	11	11	0.01	953
	260	4.56	5	484	97	2,206	441	1.86	1,185
	260	4.81½	2	137	69	664	332	0.53	1,260
	260	5.01½	2	225	113	1,128	564	0.87	1,303
	260	5.30½	1	184	184	976	976	0.71	1,379
	260	5.93½	1	165	165	979	979	0.63	1,543
	260	6.46	1	168	168	1,085	1,085	0.65	1,679
Total	260	5.16	13	1,366	105	7,049	542	5.26	1,342
Cutters	313	3.62	3	201	67	728	243	0.64	1,134
	313	4.02½	3	596	199	2,400	800	1.90	1,260
Total	313	3.92½	6	797	133	3,128	521	2.54	1,228
Flatteners	313	3.77	1	241	241	908	908	0.77	1,179
	313	4.39	1	221	221	970	970	0.71	1,374
Total	313	4.06½	2	462	231	1,878	939	1.48	1,272
Foremen	313	3.20½	2	570	285	1,827	914	1.82	1,003
Gatherers	260	2.41½	2	80	40	193	97	0.31	627
	260	2.77	2	56	28	155	78	0.22	720
	260	2.93½	5	652	130	1,912	382	2.51	762
	260	3.15½	5	667	133	2,103	421	2.57	820
Total	260	3.00	14	1,455	104	4,363	312	5.61	780
Laborers	313	.81½	1	16	16	13	13	0.05	254
	313	1.00	1	30	30	30	30	0.10	313
	313	1.25	2	32	16	29	20	0.10	381
	313	1.32	1	47	47	62	62	0.15	413

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

O.—Window Glass: UNITED STATES—Continued.

ESTABLISHMENT No. 10—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Laborers—concluded	313	$1.45	1	16	16	$23	$23	0.05	$450
	313	1.61	1	18	18	29	29	0.06	504
	313	1.90	1	10	10	19	19	0.03	595
Total	313	1.27	8	169	21	215	27	0.54	398
Laborer and master teaser	313	2.18½	1	141	141	308	308	0.45	684
Master teasers	260	4.00	2	79	40	315	158	0.30	1,037
Mixer	313	1.30	1	54	54	69	69	0.17	400
Packers	313	1.44⅛	2	266	133	384	192	0.85	452
Shipping clerk	313	1.83½	1	282	282	517	517	0.90	574
Snappers	260	1.00	13	1,380	106	1,380	106	5.31	260
Takers-off	313	1.08	2	211	106	231	116	0.67	343
	313	1.18	1	70	70	83	83	0.22	371
	313	1.23	2	286	143	351	176	0.91	384
	313	1.25	1	160	160	199	199	0.51	389
	313	1.55	1	42	42	65	65	0.13	484
Total	313	1.21	7	769	110	929	133	2.44	378
Teamsters	313	1.25	1	24	24	30	30	0.08	391
	313	1.33⅓	1	138	138	181	181	0.44	411
Total	313	1.30	2	162	81	211	106	0.52	408
Teasers	313	1.33⅓	2	118	59	157	79	0.38	416
	313	1.41½	1	93	93	132	132	0.30	444
	313	1.48	1	141	141	207	207	0.45	460
	313	1.54	1	174	174	266	266	0.56	478
	313	1.66	1	12	12	20	20	0.04	522
Total	313	1.45½	6	538	90	782	130	1.73	455
The establishment		2.74½	81	8,523	105	a 23,405	289	30.03	779

ESTABLISHMENT No. 16.

Blacksmith	313	$3.02½	1	219	219	$663	$663	0.70	$948
Blowers	260	3.10	2	10	5	31	16	0.04	806
	260	3.45	3	60	20	207	69	0.23	897
	260	3.73⅓	2	30	15	112	56	0.12	971
	260	3.93	4	284	71	1,116	279	1.09	1,022
	260	4.20½	6	445	74	1,871	312	1.71	1,093
	260	4.46½	1	15	15	67	67	0.06	1,161
	260	4.82	1	100	100	482	482	0.38	1,253
	260	4.95½	5	740	148	3,666	733	2.85	1,288
	260	5.20½	1	180	180	937	937	0.69	1,353
	260	5.69	1	145	145	825	825	0.56	1,479
	260	5.90	1	30	30	177	177	0.12	1,534
	260	6.11	1	180	180	1,100	1,100	0.69	1,589
	260	7.65	1	180	180	1,377	1,377	0.69	1,989
	260	7.88	1	180	180	1,418	1,418	0.69	2,048
Total	260	5.19	30	2,579	86	13,386	446	9.92	1,349
Boxmaker	313	3.69	1	104	104	384	384	0.33	1,156
Boxmaker's helpers	313	.58½	2	208	104	121	61	0.66	182
Cutters	313	3.35	1	20	20	67	67	0.06	1,049

a The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

O.—Window Glass: UNITED STATES—Continued.

ESTABLISHMENT No. 16—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Cutters—concluded	313	$3.95	3	604	201	$2,387	$796	1.93	$1,237
	313	4.18	3	559	186	2,338	779	1.79	1,309
	313	4.50½	1	165	165	743	743	0.53	1,409
	313	5.00½	1	204	204	1,021	1,021	0.65	1,567
Total	313	4.22½	9	1,552	172	6,556	728	4.96	1,322
Engineers	313	1.50	2	424	212	636	318	1.35	470
Flatteners	313	5.01½	4	619	155	3,104	776	1.98	1,570
	313	5.15½	1	160	160	825	825	0.51	1,614
Total	313	5.04½	5	779	156	3,929	786	2.49	1,579
Flatteners' apprentices	313	2.04½	1	216	216	442	442	0.69	640
	313	2.87	2	357	179	1,024	512	1.14	898
	313	3.12½	1	186	186	581	581	0.59	978
Total	313	2.69½	4	759	190	2,047	512	2.42	844
Foreman	313	3.46½	1	219	219	759	759	0.70	1,085
Gatherers	260	2.03	3	69	23	140	47	0.27	528
	260	2.33½	3	72	24	168	56	0.28	607
	260	2.63	7	397	57	1,045	149	1.53	684
	260	2.83⅓	5	482	96	1,366	273	1.85	737
	260	3.13⅓	5	449	90	1,408	282	1.73	815
	260	3.34	5	643	129	2,149	430	2.47	869
	260	3.59	2	217	109	779	390	0.83	933
	260	3.75	2	141	71	529	265	0.54	975
	260	4.11	2	376	188	1,546	773	1.45	1,069
	260	4.45⅓	1	103	103	459	459	0.40	1,159
	260	4.50	1	24	24	108	108	0.09	1,170
Total	260	3.26	36	2,973	83	9,697	269	11.44	848
Laborers	313	.96⅔	6	338	56	327	55	1.08	303
	313	1.30⅔	5	132	26	172	34	0.42	408
	313	1.54⅔	5	665	133	1,029	206	2.12	484
	313	1.84	4	447	112	823	206	1.43	576
	313	2.00	1	30	30	60	60	0.10	626
	313	2.25	1	12	12	27	27	0.04	704
Total	313	1.50	22	1,624	74	2,438	111	5.19	470
Layers-in	313	1.66⅔	2	432	216	720	360	1.38	522
Layers-out	313	1.86⅔	2	365	183	680	340	1.17	583
Master teasers	313	4.79	4	314	79	1,503	376	1.00	1,498
Mixers	313	1.66⅔	2	432	216	720	360	1.38	522
Packers	313	1.86	2	432	216	804	402	1.38	583
Potmaker	313	3.33⅓	1	216	216	720	720	0.69	1,043
Shipping clerk	313	1.66⅔	1	222	222	370	370	0.71	522
Snappers	260	.75	33	2,623	79	1,967	60	10.09	195
Takers-off	313	1.70	2	448	224	762	381	1.43	532
Teamster	313	1.46½	1	200	200	293	293	0.64	459
Teasers	313	1.66⅔	2	433	217	722	361	1.38	522
	313	1.87½	4	672	168	1,264	316	2.15	589
Total	313	1.79⅓	6	1,105	184	1,986	331	3.53	563
The establishment	.....	2.80½	169	18,229	108	a 51,141	303	63.56	805

a The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

O.—Window Glass: UNITED STATES—Continued.

ESTABLISHMENT No. 20.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Blacksmith	313	$1.80	1	214	214	$383	$383	0.68	$560
Blowers	260	4.59	1	17	17	78	78	0.07	1,193
	260	4.94½	3	356	119	1,760	587	1.37	1,285
	260	5.26½	2	258	129	1,358	679	0.99	1,369
	260	5.50	1	12	12	66	66	0.05	1,430
	260	5.70½	1	159	159	907	907	0.61	1,483
	260	5.93½	2	318	159	1,887	944	1.22	1,543
	260	8.04½	1	159	159	1,279	1,279	0.61	2,091
	260	8.65	1	159	159	1,375	1,375	0.61	2,248
	260	10.73	1	159	159	1,706	1,706	0.61	2,790
Total	260	6.52	13	1,597	123	10,416	801	6.14	1,696
Coal wheeler	313	1.27	1	295	295	374	374	0.94	397
Cutters	313	3.24	1	187	187	606	606	0.60	1,014
	313	3.99	2	379	190	1,513	757	1.21	1,250
Total	313	3.74½	3	566	189	2,119	706	1.81	1,172
Cutter, boss	313	5.62	1	180	180	1,012	1,012	0.58	1,760
Flatteners	313	7.14	2	360	180	2,570	1,285	1.15	2,234
Gatherers	260	3.08	5	316	63	973	195	1.22	801
	260	3.25	1	12	12	39	39	0.05	845
	260	3.57	5	431	86	1,529	308	1.66	928
	260	3.71	1	159	159	590	590	0.61	965
	260	4.00	1	125	125	500	500	0.48	1,040
	260	4.49	2	190	95	853	427	0.73	1,167
	260	4.76	1	159	159	757	757	0.61	1,238
	260	6.05	1	159	159	962	962	0.61	1,573
Total	260	4.00½	17	1,551	91	6,213	365	5.97	1,042
Laborers	313	1.13½	11	1,321	120	1,502	137	4.22	356
Lehrmen	365	1.15	2	467	234	538	269	1.28	420
Mason	313	2.36½	1	11	11	26	26	0.04	740
Master teaser	365	3.62	1	230	230	836	836	0.63	1,327
Mixer	313	1.53½	1	90	90	137	137	0.29	476
Packer	313	1.72½	1	224	224	389	389	0.72	544
Roller carrier	260	.89	1	227	227	203	203	0.87	233
Shovers-in	313	.84	2	389	195	330	165	1.24	266
Teamster	313	1.25	1	311	311	389	389	0.99	392
Teasers	365	1.15	3	682	227	789	263	1.87	422
	365	1.31½	1	229	229	303	303	0.63	483
Total	365	1.20	4	911	228	1,092	273	2.50	438
The establishment		3.19	63	8,944	142	a28,529	453	30.05	949

ESTABLISHMENT No. 23.

Blacksmith	313	$1.84½	1	281	281	$518	$518	0.90	$577
Blacksmith's helper	313	1.00	1	196	196	196	196	0.63	313
Blowers	260	3.95	4	164	41	648	162	0.63	1,027
	260	4.11	5	328	66	1,348	270	1.26	1,069
	260	4.40	11	1,290	117	5,677	516	4.96	1,144

a The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

O.—Window Glass: UNITED STATES—Continued.

ESTABLISHMENT No. 23—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Blowers—concluded	260	$4.65	5	532	106	$2,473	$495	2.05	$1,209
	260	4.98½	3	279	93	1,391	464	1.07	1,296
	260	5.09½	3	487	162	2,481	827	1.87	1,325
	260	5.66½	1	90	90	510	510	0.35	1,473
	260	6.09	2	152	76	926	463	0.58	1,584
	260	6.64½	1	62	62	412	412	0.24	1,728
	260	7.13	1	116	116	827	827	0.45	1,854
	260	7.67	2	321	161	2,462	1,231	1.23	1,994
	260	9.11½	1	158	158	1,440	1,440	0.61	2,370
	260	9.52½	1	84	84	800	800	0.32	2,476
Total	260	5.26½	40	4,063	102	21,395	535	15.62	1,369
Clay trampers	313	1.25	7	707	101	885	126	2.26	392
Coal wheelers	260	1.60	10	398	40	639	64	1.53	417
Cutters	313	4.43½	1	204	204	905	905	0.65	1,389
	313	4.77	4	777	194	3,706	927	2.48	1,493
	313	4.95½	2	389	195	1,928	964	1.24	1,551
Total	313	4.77½	7	1,370	196	6,539	934	4.37	1,494
Cutter, boss	313	6.38	1	254	254	1,620	1,620	0.81	1,996
Flatteners	313	4.13½	3	98	33	405	135	0.31	1,294
	313	5.36½	3	457	152	2,451	817	1.46	1,679
	313	5.59	2	408	204	2,280	1,140	1.30	1,749
Total	313	5.33½	8	963	120	5,136	642	3.07	1,669
Gatherers	260	2.66½	9	300	33	800	89	1.15	693
	260	2.91½	14	1,409	101	4,107	293	5.42	758
	260	3.05½	13	722	56	2,207	170	2.78	795
	260	3.37	7	634	91	2,137	305	2.44	876
	260	3.52	1	125	125	440	440	0.48	915
	260	3.75	1	120	120	450	450	0.46	975
	260	4.16½	2	325	163	1,353	677	1.25	1,082
	260	4.33½	1	166	166	720	720	0.64	1,128
	260	4.94	1	167	167	825	825	0.64	1,284
Total	260	3.28½	49	3,968	81	13,039	266	15.26	854
Laborers	313	1.25	8	783	98	976	122	2.50	390
	313	1.40	6	845	141	1,183	197	2.70	438
	313	1.64	1	243	243	399	399	0.78	514
Total	313	1.36½	15	1,871	125	2,558	171	5.98	428
Leersmen	365	1.16½	4	979	245	1,148	287	2.68	428
Mason	313	3.50	1	37	37	128	128	0.12	1,083
Master teasers	365	2.45	1	116	116	284	284	0.32	894
	365	4.66	1	243	243	1,132	1,132	0.67	1,700
Total	365	3.94½	2	359	180	1,416	708	0.99	1,440
Mixers	313	1.55½	3	737	246	1,142	381	2.35	485
Packers	313	1.41½	3	699	233	990	330	2.23	443
Potmaker	313	3.27½	1	310	310	1,015	1,015	0.99	1,025
Pot-shell pickers	313	1.23½	2	257	129	317	159	0.82	386
Roller carriers	260	1.20	4	376	94	451	113	1.45	312
	260	1.30	1	175	175	228	228	0.67	339
Total	260	1.23	5	551	110	679	136	2.12	320

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

O.—Window Glass: UNITED STATES—Continued.

ESTABLISHMENT No. 23—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Sand burners	313	$1.25	2	166	83	$208	$104	0.53	$392
	313	1.37½	1	41	41	56	56	0.13	428
	313	1.50	1	204	204	306	306	0.65	470
	313	1.66⅔	1	35	35	58	58	0.11	519
Total	313	1.41	5	446	89	628	126	1.42	441
Shovers-in	365	.83⅓	5	912	182	776	155	2.50	311
Teamster	313	1.83⅓	1	312	312	572	572	1.00	574
Teasers	365	1.25⅓	10	1,835	184	2,305	231	5.03	458
	365	1.48	5	784	157	1,162	232	2.15	541
Total	365	1.32½	15	2,619	175	3,467	231	7.18	483
Watchman	365	1.38	1	364	364	503	503	1.00	504
The establishment	-------	2.88½	187	22,653	121	65,306	349	75.83	861

ESTABLISHMENT No. 25.

Batch wheeler	313	$1.89	1	137	137	$258	$258	0.44	$589
Blacksmith	313	2.50	1	297	297	742	742	0.95	782
Blowers	313	4.15	1	203	203	842	842	0.65	1,298
	313	4.52½	1	204	204	923	923	0.65	1,416
	313	4.72½	1	205	205	969	969	0.65	1,479
	313	4.98	1	49	49	244	244	0.16	1,559
	313	5.44	1	164	164	892	892	0.52	1,702
	313	7.77	1	200	200	1,554	1,554	0.64	2,432
	313	8.76	2	404	202	3,538	1,769	1.29	2,741
	313	9.09⅓	1	205	205	1,864	1,864	0.65	2,846
Total	313	6.62½	9	1,634	182	10,826	1,203	5.21	2,074
Boxmaker and packer	313	3.84⅓	1	213	213	819	819	0.68	1,204
Clay trampers	313	1.50	3	112	37	167	56	0.36	467
Cutters	313	4.50	1	54	54	243	243	0.17	1,409
	313	4.82	1	39	39	188	188	0.12	1,509
	313	5.82½	1	216	216	1,258	1,258	0.69	1,823
Total	313	5.46½	3	309	103	1,689	563	0.98	1,711
Cutter, boss	313	9.07	1	216	216	1,959	1,959	0.69	2,839
Flatteners	313	6.00	1	78	78	468	468	0.25	1,878
	313	6.47	1	130	130	841	841	0.42	2,025
	313	7.61½	1	206	206	1,569	1,569	0.66	2,384
Total	313	6.95	3	414	138	2,878	959	1.33	2,176
Gatherers	313	2.92	4	559	140	1,632	408	1.79	914
	313	3.14	3	269	90	845	282	0.86	983
	313	3.72½	2	11	6	41	21	0.04	1,167
	313	4.16	1	209	209	869	869	0.67	1,301
	313	4.72	3	602	201	2,842	947	1.92	1,478
Total	313	3.77½	13	1,650	127	6,229	479	5.28	1,182
Laborers	313	1.00	1	40	40	40	40	0.13	313
	313	1.13	1	53	53	60	60	0.17	354
	313	1.25	1	25	25	31	31	0.08	388
	313	1.50	19	357	19	535	28	1.14	469

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

O.—Window Glass: UNITED STATES—Continued.

ESTABLISHMENT No. 25—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Laborers—concluded	313	$1.66½	1	177	177	$292	$292	0.57	$516
	313	1.77½	2	237	119	421	211	0.76	556
	313	2.00	2	30	15	60	30	0.10	626
Total	313	1.56½	27	919	34	1,439	53	2.95	490
Layers-in	313	2.26	2	367	184	829	415	1.17	707
Leersmen	313	1.91	6	492	82	940	157	1.57	598
Masons	313	4.50	3	98	33	441	147	0.31	1,409
Master teaser	313	2.64	1	282	282	745	745	0.90	827
Mixer	313	2.21	1	248	248	548	548	0.79	692
Potmaker	313	2.50	1	90	90	225	225	0.29	783
Pot-shell picker	313	1.54	1	144	144	222	222	0.46	483
Snappers	313	.99½	8	1,648	206	1,640	205	5.27	311
Teamsters	313	1.72	1	151	151	260	260	0.48	539
	313	2.00	1	61	61	122	122	0.19	626
Total	313	1.80	2	212	106	382	191	0.67	564
Teasers	365	1.86	3	558	186	1,037	346	1.53	678
The establishment		3.39	90	10,040	112	34,015	378	31.83	1,069

ESTABLISHMENT No. 30.

Batch wheeler	313	$1.25	1	242	242	$301	$301	0.77	$389
Blacksmith	313	2.00	1	215	215	430	430	0.69	626
Blowers	260	3.07	2	158	79	485	243	0.61	798
	260	3.15	1	53	53	167	167	0.20	819
	260	3.42½	2	94	47	322	161	0.36	891
	260	3.77½	2	110	55	415	208	0.42	981
	260	4.00	1	7	7	28	28	0.03	1,040
	260	4.14⅓	5	282	56	1,169	234	1.08	1,078
	260	4.76⅔	2	34	17	162	81	0.13	1,239
	260	4.95	2	205	103	1,015	508	0.79	1,287
	260	5.24⅓	2	220	110	1,154	577	0.85	1,364
	260	5.51	3	465	155	2,562	854	1.79	1,433
	260	5.85⅓	2	247	124	1,446	723	0.95	1,522
	260	7.44	1	187	187	1,391	1,391	0.72	1,934
	260	8.23	1	185	185	1,523	1,523	0.71	2,140
	260	9.58	1	190	190	1,820	1,820	0.73	2,491
Total	260	5.00½	27	2,437	90	13,659	506	9.37	1,457
Blower, boss	260	10.41½	1	190	190	1,979	1,979	0.73	2,708
Blowers and gatherers	260	3.36⅓	3	252	84	848	283	0.97	875
	260	3.84	1	50	50	192	192	0.19	998
	260	4.47½	1	40	40	179	179	0.15	1,164
	260	5.62½	1	126	126	709	709	0.48	1,463
	260	6.10	1	60	60	366	366	0.23	1,586
Total	260	4.34½	7	528	75	2,294	328	2.02	1,130
Boxmakers	313	1.25	1	95	95	118	118	0.30	389
	313	1.30	1	104	104	135	135	0.33	406
Total	313	1.27	2	199	100	253	127	0.63	398
Boxmakers' helpers	313	.65½	2	354	177	229	115	1.13	202

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

O.—Window Glass: UNITED STATES—Continued.

ESTABLISHMENT No. 30—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Cutters	313	$3.93	1	14	14	$55	$55	0.04	$1,230
	313	5.03½	1	195	195	982	982	0.62	1,576
	313	5.18½	1	231	231	1,198	1,198	0.74	1,623
	313	5.69	1	225	225	1,280	1,280	0.72	1,781
Total	313	5.28½	4	665	166	3,515	879	2.12	1,654
Cutter, boss	313	7.56	1	237	237	1,792	1,792	0.76	2,367
Flatteners	313	5.75½	2	432	216	2,486	1,243	1.38	1,801
	313	6.14	1	225	225	1,381	1,381	0.72	1,921
Total	313	5.88½	3	657	219	3,867	1,289	2.10	1,842
Gatherers	260	2.10	1	30	30	63	63	0.12	546
	260	2.57	3	132	44	339	113	0.51	668
	260	2.75½	4	130	33	358	90	0.50	716
	260	3.19	8	483	60	1,540	193	1.86	829
	260	3.33½	2	192	96	644	322	0.74	872
	260	3.75	3	290	97	1,087	362	1.12	975
	260	5.00	3	135	45	675	225	0.52	1,300
	260	5.53½	1	148	148	819	819	0.57	1,439
	260	5.62	1	50	50	281	281	0.19	1,461
	260	6.11½	1	70	70	428	428	0.27	1,590
	260	6.37½	1	190	190	1,211	1,211	0.73	1,657
Total	260	4.02½	28	1,850	66	7,445	266	7.13	1,046
Laborers	313	1.25	9	142	16	178	20	0.45	392
	313	1.33½	2	26	13	35	18	0.08	421
Total	313	1.27	11	168	15	213	19	0.53	397
Layers-in	313	1.50	5	531	106	795	159	1.70	469
Leersmen	313	1.50	4	238	60	358	90	0.76	471
Master teaser	365	3.47	1	299	299	1,038	1,038	0.82	1,267
Mixer	313	1.61½	1	153	153	247	247	0.49	505
Packers	313	1.57½	2	276	138	435	218	0.88	493
Roller boys	260	.85	7	507	72	432	62	1.95	222
Roller carriers	260	(a)	16	(a)	(a)	259	16	(a)	(a)
Snappers	260	.73	25	2,050	82	1,498	60	7.88	190
	260	1.75	1	204	204	357	357	0.78	455
Total	260	.82½	26	2,254	87	1,855	71	8.66	214
Teasers	260	2.21½	2	469	235	1,040	520	1.80	577
	260	2.40	2	396	198	948	474	1.52	622
Total	260	2.30	4	865	216	1,988	497	3.32	598
The establishment		(b)	154	(b)	(b)	43,384	282	(b)	(b)

ESTABLISHMENT No. 32.

Batch wheeler	313	$1.83½	1	212	212	$391	$391	0.68	$577
Blacksmith	313	1.92½	1	209	209	408	408	0.67	611
Blowers	313	5.02½	4	488	122	2,453	613	1.56	1,573
	313	5.68	2	315	158	1,769	895	1.01	1,778
	313	6.05	2	371	186	2,245	1,123	1.19	1,894

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

O.—Window Glass: UNITED STATES—Continued.

ESTABLISHMENT No. 32—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Blowers—concluded	313	$7.11½	1	87	87	$619	$619	0.28	$2,227
	313	7.48½	2	411	206	3,077	1,539	1.31	2,343
	313	8.54	1	208	208	1,776	1,776	0.66	2,673
Total	313	6.36	12	1,880	157	11,959	997	6.01	1,991
Blower, boss	313	8.65	1	120	120	1,038	1,038	0.38	2,707
Boxmakers	313	2.37	1	35	35	83	83	0.11	742
	313	3.05½	1	205	205	626	626	0.65	956
Total	313	2.95½	2	240	120	709	355	0.76	925
Call boys	313	.16½	2	126	63	21	11	0.40	52
	313	.37½	1	212	212	80	80	0.68	118
Total	313	.30	3	338	113	101	34	1.08	94
Clay grinder and pot-shell picker.	313	1.77	1	192	192	340	340	0.61	554
Clay trampers	313	1.44⅓	3	161	54	233	78	0.51	453
Cullet picker	313	.68½	1	194	194	133	133	0.62	215
Cutters	313	4.76	4	146	37	695	174	0.47	1,490
	313	4.97½	5	449	90	2,233	447	1.43	1,557
	313	5.37½	1	8	8	43	43	0.03	1,682
	313	5.72½	1	84	84	481	481	0.27	1,792
Total	313	5.02½	11	687	62	3,452	314	2.20	1,573
Cutter, boss	313	7.82	1	178	178	1,392	1,392	0.57	2,448
Flatteners	313	5.24	3	651	217	3,410	1,137	2.08	1,640
Gatherers	313	2.64	2	95	48	251	126	0.30	827
	313	2.85½	2	42	21	120	60	0.13	894
	313	3.18	1	197	197	626	626	0.63	995
	313	3.42½	7	798	114	2,734	391	2.55	1,072
	313	3.71	3	247	8⅔	916	305	0.79	1,161
	313	4.16½	1	171	171	712	712	0.55	1,303
	313	4.43½	2	314	157	1,392	696	1.00	1,388
	313	4.94	1	193	193	953	953	0.62	1,546
Total	313	3.74½	19	2,057	108	7,704	405	6.57	1,172
Laborers	313	1.00	9	28	3	28	3	0.09	313
	313	1.32½	4	34	9	45	11	0.11	414
	313	1.52½	11	263	24	401	36	0.84	477
	313	1.83	1	29	29	53	53	0.09	572
Total	313	1.49	25	354	14	527	21	1.13	466
Layers-in and layers-out	313	1.83⅓	4	630	158	1,156	289	2.01	574
Leersmen	313	1.98⅓	4	614	154	1,219	305	1.96	621
Master teaser	313	5.00	1	221	221	1,105	1,105	0.71	1,565
Mixer	313	2.04	1	228	228	465	465	0.73	638
Packer	313	2.53½	1	300	300	761	761	0.96	794
Potmaker	313	2.50	1	358	358	895	895	1.14	783
Roller carriers	313	.83⅓	1	47	47	39	39	0.15	260
	313	1.50	1	100	100	150	150	0.32	470
Total	313	1.28½	2	147	74	189	95	0.47	402
Snappers	313	.66	15	1,728	115	1,141	76	5.52	207
	313	1.60½	2	168	84	270	135	0.54	503
Total	313	.74¼	17	1,896	112	1,411	83	6.06	233

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

O.—Window Glass: UNITED STATES—Continued.

ESTABLISHMENT No. 32—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Teamsters	313	$1.50	1	292	292	$438	$438	0.93	$470
	313	1.73½	1	306	306	530	530	0.98	542
Total	313	1.62	2	598	299	968	484	1.91	507
Teasers	313	2.08½	4	713	178	1,487	372	2.28	653
The establishment		3.14½	121	13,178	109	41,453	343	42.10	985

ESTABLISHMENT No. 34.

Batch wheeler and filler-in	313	$1.98	1	222	222	$440	$440	0.71	$620
Blacksmith	313	1.50	1	222	222	333	333	0.71	470
Blowers	313	4.51	2	435	218	1,961	981	1.39	1,411
	313	5.11½	1	215	215	1,100	1,100	0.69	1,601
	313	5.34	2	215	108	1,148	574	0.69	1,671
	313	5.72	2	229	115	1,310	655	0.73	1,791
	313	5.78	2	9	5	52	26	0.03	1,808
	313	6.14½	1	7	7	43	43	0.02	1,923
	313	6.57	1	214	214	1,406	1,406	0.68	2,056
	313	7.23½	2	224	112	1,621	811	0.72	2,265
	313	7.54	1	220	220	1,659	1,659	0.70	2,360
	313	8.00	1	8	8	64	64	0.03	2,504
	313	8.94½	1	222	222	1,986	1,986	0.71	2,800
	313	10.33½	1	218	218	2,253	2,253	0.70	3,235
Total	313	6.59	17	2,216	130	14,603	859	7.09	2,063
Clay tramper	313	1.53½	1	313	313	480	480	1.00	480
Cutters	313	4.98½	2	444	222	2,214	1,107	1.42	1,561
	313	5.45½	1	222	222	1,211	1,211	0.71	1,707
Total	313	5.14⅓	3	666	222	3,425	1,142	2.13	1,610
Cutter, boss	313	8.59	1	222	222	1,907	1,907	0.71	2,689
Flatteners	313	6.09	3	666	222	4,057	1,352	2.13	1,907
Gatherers	313	3.14	2	222	111	697	349	0.71	983
	313	3.70⅓	5	656	131	2,430	486	2.10	1,159
	313	3.93	2	422	211	1,659	830	1.35	1,230
	313	4.16	3	228	76	948	316	0.73	1,301
	313	4.40½	3	243	81	1,070	357	0.78	1,378
	313	4.50	1	2	2	9	9	0.01	1,409
	313	4.93½	2	225	113	1,110	555	0.72	1,544
	313	5.50	1	218	218	1,199	1,199	0.70	1,722
Total	313	4.11½	19	2,216	117	9,122	480	7.10	1,288
Laborers	313	1.50	4	822	206	1,234	309	2.63	470
Layers-in and layers-out	313	2.72½	2	444	222	1,211	606	1.42	854
Leersmen and takers-off	313	2.02½	2	444	222	898	449	1.42	633
Mason	313	4.00	1	47	47	188	188	0.15	1,252
Master teaser	313	3.78½	1	222	222	840	840	0.71	1,184
Mixer	313	2.28½	1	222	222	507	507	0.71	715
Packer	313	2.74½	1	222	222	609	609	0.71	859
Potmaker	313	3.06½	1	313	313	960	960	1.00	960
Pot-shell picker	313	1.33	1	267	267	355	355	0.85	416
Roller carriers	313	1.37	2	444	222	608	304	1.42	429
Snappers	313	.83½	8	1,776	222	1,480	185	5.67	261
	313	1.16½	1	222	222	259	259	0.71	365

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

O.—Window Glass: UNITED STATES—Continued.

ESTABLISHMENT No. 34—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Snappers—concluded	313	$2.00	1	222	222	$444	$444	0.71	$626
Total	313	.98½	10	2,220	222	2,183	218	7.09	308
Teamster	313	2.00	1	290	290	580	580	0.93	626
Teasers	365	1.89	2	518	259	979	490	1.42	690
Watchman	365	1.29	1	365	365	471	471	1.00	471
The establishment	-------	3.38½	76	13,583	179	45,990	605	43.04	1,069

ESTABLISHMENT No. 35.

Batch wheelers and fillers-in	313	$2.13½	2	440	220	$939	$470	1.41	$668
Blowers	313	3.87½	5	16	3	62	12	0.05	1,213
	313	4.53	3	89	30	403	134	0.28	1,417
	313	4.89½	3	19	6	93	31	0.06	1,532
	313	5.30½	5	617	123	3,272	654	1.97	1,660
	313	5.66	2	218	109	1,234	617	0.70	1,772
	313	5.79	5	301	60	1,743	349	0.96	1,812
	313	6.14	3	239	80	1,468	489	0.76	1,923
	313	7.72	1	221	221	1,706	1,706	0.71	2,416
	313	8.00	1	218	218	1,744	1,744	0.70	2,504
	313	8.77	1	208	208	1,824	1,824	0.66	2,745
	313	9.29½	2	218	109	2,026	1,013	0.70	2,909
	313	10.63	2	213	107	2,264	1,132	0.68	3,327
Total	313	6.92	33	2,577	78	17,839	541	8.23	2,167
Cutters	313	2.11½	1	122	122	258	258	0.39	662
	313	4.30	2	312	156	1,342	671	1.00	1,346
	313	5.00½	1	224	224	1,121	1,121	0.72	1,566
	313	5.39½	1	224	224	1,209	1,209	0.72	1,689
Total	313	4.45½	5	882	176	3,930	786	2.83	1,395
Cutter, boss	313	7.68½	1	224	224	1,722	1,722	0.72	2,406
Dippers	313	1.58½	2	437	219	092	346	1.40	496
Flatteners	313	6.99	3	663	221	4,636	1,545	2.12	2,189
Foremen	365	2.14½	1	182	182	390	390	0.50	782
	365	2.46½	1	365	365	900	900	1.00	900
Total	365	2.36	2	547	274	1,290	645	1.50	861
Gatherers	313	2.56½	8	16	2	41	5	0.05	802
	313	3.13	3	91	30	285	95	0.29	980
	313	3.47	5	641	128	2,224	445	2.05	1,086
	313	3.65½	8	693	87	2,533	317	2.21	1,144
	313	4.45½	4	354	89	1,577	394	1.13	1,394
	313	4.68½	1	32	32	150	150	0.10	1,467
	313	4.84	1	215	215	1,041	1,041	0.69	1,516
	313	5.13	2	213	107	1,093	547	0.68	1,606
	313	5.70½	2	150	75	856	428	0.48	1,786
	313	6.17	1	219	219	1,351	1,351	0.70	1,931
Total	313	4.25	35	2,624	75	11,151	319	8.38	1,330
Laborers	313	1.50	2	398	199	596	298	1.27	469
Layers-in	313	2.18½	3	657	219	1,435	478	2.10	684
Leersmen	313	2.41½	2	441	221	1,066	533	1.41	757
Master teaser	313	3.91	1	265	265	1,037	1,037	0.85	1,225
Mixer	313	2.58½	1	218	218	563	563	0.70	808

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

O.—Window Glass: UNITED STATES—Continued.

ESTABLISHMENT No. 35—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Packer	313	$3.70	1	222	222	$821	$821	0.71	$1,158
Roller boys and roller carriers	313	1.75½	2	438	219	769	385	1.40	550
Snappers	313	1.41½	1	220	220	312	312	0.70	444
	313	1.66½	2	219	110	367	184	0.70	525
	313	2.00	2	218	109	436	218	0.70	626
Total	313	1.69½	5	657	131	1,115	223	2.10	531
Teasers	365	2.10	2	519	260	1,090	545	1.42	767
Watchman	365	1.57	1	182	182	286	286	0.50	574
The establishment		4.11½	103	12,391	120	50,977	495	39.05	1,305

ESTABLISHMENT No. 36.

Batch wheelers	313	$1.83⅓	1	242	242	$444	$444	0.77	$574
	313	1.98⅓	6	1,257	210	2,487	415	4.02	619
	313	2.20½	1	195	195	428	428	0.62	687
Total	313	1.98½	8	1,694	212	3,359	420	5.41	621
Blacksmiths	313	1.66⅔	2	102	51	169	85	0.33	519
Blacksmith and engineer	313	4.98	1	100	100	498	498	0.32	1,559
Blowers	313	4.65½	2	389	195	1,810	905	1.24	1,456
	313	4.95	4	645	161	3,194	799	2.06	1,550
	313	5.25⅓	2	388	194	2,039	1,020	1.24	1,645
	313	5.36⅔	1	194	194	1,041	1,041	0.62	1,680
	313	6.19	1	196	196	1,213	1,213	0.63	1,937
	313	6.51½	2	320	160	2,085	1,043	1.02	2,039
	313	6.67	4	766	192	5,110	1,278	2.45	2,088
	313	7.06	1	194	194	1,370	1,370	0.62	2,210
	313	7.83½	1	195	195	1,528	1,528	0.62	2,453
	313	9.79½	1	193	193	1,890	1,890	0.62	3,065
Total	313	6.11⅓	19	3,480	183	21,280	1,120	11.12	1,914
Blowers, boss	313	10.94½	1	192	192	2,101	2,101	0.61	3,425
	313	13.39½	1	194	194	2,599	2,599	0.62	4,193
Total	313	12.17½	2	386	193	4,700	2,350	1.23	3,811
Carriers-out	313	.66½	1	191	191	127	127	0.61	208
	313	.83½	2	382	191	318	159	1.22	261
	313	1.68	1	196	196	329	329	0.63	525
	313	2.52	1	191	191	481	481	0.61	788
Total	313	1.30½	5	960	192	1,255	251	3.07	409
Carrier-over	313	2.10	1	193	193	405	405	0.62	657
Clay trampers	313	1.50	2	416	208	616	308	1.33	463
Cutters	313	4.54	1	171	171	776	776	0.55	1,420
	313	4.91	3	372	124	1,827	609	1.19	1,537
	313	5.18	2	390	195	2,021	1,011	1.25	1,622
	313	5.51	1	190	190	1,047	1,047	0.61	1,725
	313	5.99½	1	196	196	1,175	1,175	0.63	1,876
Total	313	5.19	8	1,319	165	6,846	856	4.23	1,625
Cutter, boss	313	6.68⅔	1	252	252	1,684	1,684	0.81	2,092
Dipper	313	2.10	1	193	193	405	405	0.62	657

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

O.—Window Glass: UNITED STATES—Continued.

ESTABLISHMENT No. 36—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Flatteners	313	$6.67½	4	768	192	$5,125	$1,281	2.45	$2,089
	313	10.27½	1	192	192	1,973	1,973	0.61	3,216
Total	313	7.39⅓	5	960	192	7,098	1,420	3.06	2,314
Gatherers	313	3.13	5	664	133	2,078	416	2.12	980
	313	3.34⅓	4	557	139	1,864	466	1.78	1,047
	313	3.59	8	993	124	3,566	446	3.17	1,124
	313	3.81⅓	5	883	177	3,368	674	2.82	1,194
	313	4.16⅔	1	12	12	50	50	0.04	1,304
	313	4.28	1	197	197	843	843	0.63	1,339
	313	4.50	1	16	16	72	72	0.05	1,409
	313	5.29	3	223	74	1,180	393	0.71	1,656
	313	5.85½	1	192	192	1,124	1,124	0.61	1,832
	313	6.33⅓	1	6	6	38	38	0.02	1,982
	313	6.60	1	35	35	231	231	0.11	2,066
	313	8.14⅓	1	102	102	831	831	0.33	2,550
Total	313	3.93	32	3,880	121	15,245	476	12.39	1,230
Laborers	313	1.33⅓	2	50	25	67	34	0.16	419
	313	1.50	4	104	26	157	39	0.33	473
Total	313	1.45½	6	154	26	224	37	0.49	455
Layers-out	313	2.18½	8	995	124	2,172	272	3.18	683
Leersmen	313	2.02	4	772	193	1,561	390	2.47	633
Master teaser	365	3.29	1	303	303	1,000	1,000	0.83	1,205
Mixers	313	2.25	2	381	191	857	429	1.22	704
	313	2.33½	1	242	242	559	559	0.77	723
Total	313	2.27½	3	623	208	1,416	472	1.99	711
Packer	313	1.66½	1	192	192	320	320	0.61	522
Packer, boss	313	3.78½	1	192	192	727	727	0.61	1,185
Potmaker	313	3.66½	1	250	250	917	917	0.80	1,148
Potmaker's helpers	313	1.50	1	154	154	231	231	0.49	470
	313	1.66½	2	277	139	449	225	0.88	507
Total	313	1.58	3	431	144	680	227	1.37	494
Roller boys	313	1.05	2	386	193	405	203	1.23	328
Snappers	313	1.00	13	2,513	193	2,513	193	8.03	313
	313	1.04	1	195	195	203	203	0.62	326
	313	1.08½	3	566	189	613	204	1.81	339
	313	1.25	1	193	193	241	241	0.62	391
	313	1.66½	1	194	194	323	323	0.62	521
	313	2.16⅔	1	192	192	416	416	0.61	678
Total	313	1.12	20	3,853	193	4,309	215	12.31	350
Teamsters	313	1.75	1	274	274	481	481	0.88	549
	313	2.00	1	297	297	591	591	0.95	623
Total	313	1.87½	2	571	286	1,072	536	1.83	588
Teasers	313	1.93⅓	5	31	6	60	12	0.10	606
	313	2.20⅔	3	585	195	1,285	428	1.87	688
Total	313	2.18½	8	616	77	1,345	168	1.97	683
Watchman	365	1.43	1	294	294	420	420	0.81	521
The establishment		3.40	148	23,567	159	80,128	541	75.04	1,068

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

O.—Window Glass: UNITED STATES—Continued.

ESTABLISHMENT No. 37.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Batch wheelers	313	$2.01½	4	663	166	$1,336	$334	2.12	$631
Blacksmith	313	2.83½	1	240	240	680	680	0.77	887
Blacksmith's helper	313	1.33½	1	240	240	320	320	0.77	417
Blowers	260	3.00	1	9	9	27	27	0.03	780
	260	3.45	1	20	20	69	69	0.08	897
	260	3.60	1	5	5	18	18	0.02	936
	260	3.80	3	20	7	76	25	0.08	988
	260	4.17½	1	17	17	71	71	0.07	1,086
	260	4.66½	3	101	34	471	157	0.39	1,212
	260	4.92½	3	40	13	197	66	0.15	1,281
	260	5.02	1	49	49	246	246	0.19	1,305
	260	5.39	1	90	90	485	485	0.35	1,401
	260	5.58½	2	168	84	938	469	0.65	1,452
	260	5.89	2	252	126	1,484	742	0.97	1,531
	260	6.09½	3	226	75	1,378	459	0.87	1,585
	260	6.40	2	368	184	2,356	1,178	1.42	1,665
	260	6.62	5	856	171	5,666	1,133	3.29	1,721
	260	6.87	4	722	181	4,961	1,240	2.78	1,787
	260	7.01½	1	183	183	1,284	1,284	0.70	1,824
	260	8.92	1	74	74	660	660	0.28	2,319
	260	9.18½	1	93	93	854	854	0.36	2,388
	260	9.34½	1	182	182	1,701	1,701	0.70	2,430
	260	9.97	2	348	174	3,469	1,735	1.34	2,592
	260	10.00½	1	180	180	1,801	1,801	0.69	2,601
	260	10.32	2	361	181	3,726	1,863	1.39	2,684
	260	10.66½	1	166	166	1,770	1,770	0.64	2,772
	260	12.07	1	183	183	2,209	2,209	0.70	3,138
Total	260	7.62	44	4,713	107	35,917	816	18.14	1,981
Blowers, boss	260	10.49	1	184	184	1,930	1,930	0.71	2,727
	260	11.25	1	184	184	2,070	2,070	0.71	2,925
Total	260	10.87	2	368	184	4,000	2,000	1.42	2,826
Clay trampers	313	1.66½	2	587	294	977	489	1.88	521
Cutters	313	3.93	2	87	44	342	171	0.28	1,230
	313	4.60	1	194	194	892	892	0.62	1,439
	313	5.44	7	1,333	190	7,249	1,036	4.26	1,702
	313	5.92½	2	446	223	2,643	1,322	1.42	1,855
Total	313	5.40	12	2,060	172	11,126	927	6.58	1,691
Cutter, boss	313	8.86½	1	223	223	1,977	1,977	0.71	2,775
Dippers	313	1.83½	2	440	220	811	406	1.41	577
Flatteners	313	6.85	2	446	223	3,056	1,528	1.42	2,145
	313	7.42½	3	443	148	3,290	1,097	1.42	2,325
	313	8.53½	4	442	111	3,772	943	1.41	2,671
Total	313	7.60	9	1,331	148	10,118	1,124	4.25	2,379
Catherers	260	3.42	2	102	51	349	175	0.39	890
	260	3.75½	5	232	46	871	174	0.89	976
	260	3.92½	5	344	69	1,351	270	1.32	1,021
	260	4.21	9	1,432	159	6,032	670	5.51	1,095
	260	4.45½	7	1,146	164	5,105	729	4.41	1,158
	260	4.76½	1	129	129	615	615	0.50	1,240
	260	5.07	1	180	180	913	913	0.69	1,319
	260	5.15	2	174	87	896	448	0.67	1,339
	260	5.49½	5	687	137	3,776	755	2.64	1,429
	260	5.75	3	545	182	3,133	1,044	2.10	1,495
Total	260	4.63½	40	4,971	124	23,041	576	19.12	1,205

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

O.—Window Glass: UNITED STATES—Concluded.

ESTABLISHMENT No. 37—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Gatherer, boss	260	$7.57	1	183	183	$1,385	$1,385	0.70	$1,968
Laborers	313	1.50	14	1,919	137	2,894	207	6.13	472
Layers-in	313	2.15	1	218	218	475	475	0.70	682
	313	2.50	3	654	218	1,634	545	2.09	782
Total	313	2.42	4	872	218	2,109	527	2.79	757
Layers-out	313	2.36	3	433	144	1,021	340	1.38	738
Leersmen	313	1.96½	6	1,127	188	2,213	369	3.60	615
Master teasers	260	4.45½	3	575	192	2,562	854	2.21	1,158
Mixers	313	2.32	3	663	221	1,538	513	2.12	726
Packer	313	2.72½	1	220	220	599	599	0.70	852
Packer, boss	313	4.85	1	223	223	1,081	1,081	0.71	1,517
Potmaker	313	3.83½	1	313	313	1,200	1,200	1.00	1,200
Potmaker's helpers	313	1.66½	2	626	313	1,041	521	2.00	521
Pot-shell picker	313	1.33½	1	265	265	353	353	0.85	417
Roller boys	260	1.17½	1	183	183	215	215	0.70	305
	260	1.26	3	102	34	128	43	0.39	326
	260	1.44	1	98	98	140	140	0.38	371
	260	1.57	1	184	184	289	289	0.71	408
Total	260	1.36	6	567	95	772	129	2.18	354
Roller carriers	260	1.20	2	368	184	442	221	1.42	312
Sand burner	313	2.01½	1	226	226	454	454	0.72	629
Snappers	260	2.00	6	570	95	1,139	190	2.19	520
	260	2.18	1	180	180	392	392	0.69	566
	260	2.28	2	367	184	837	419	1.41	593
Total	260	2.12	9	1,117	124	2,368	263	4.29	551
Teamsters	313	2.16⅔	2	547	274	1,189	595	1.75	680
Teasers	365	1.89	8	1,573	197	2,974	372	4.31	690
Warehousemen	313	2.16⅔	2	614	307	1,330	665	1.96	678
Watchmen	365	1.43	1	42	42	60	60	0.12	521
	365	1.63½	1	357	357	588	588	0.98	601
Total	365	1.62⅓	2	399	200	648	324	1.10	593
The establishment		4.13½	190	28,666	151	118,476	624	99.09	1,196

P.—Window Glass: CONTINENT OF EUROPE.

ESTABLISHMENT No. —.

[No statement of cost of production for this establishment is shown in Table VII.]

Blacksmith	313	$0.75	1	313	313	$235	$235	1.00	$235
Blacksmith's helper	313	.31	1	313	313	97	97	1.00	97
Blowers	313	2.59½	2	246	123	638	319	0.79	812
	313	2.98½	2	357	179	1,066	533	1.14	935
	313	3.15½	3	560	187	1,737	589	1.79	988
	313	3.51	1	250	250	878	878	0.80	1,099
	313	3.79½	1	39	39	148	148	0.12	1,183
Total	313	3.09⅓	9	1,452	161	4,497	500	4.64	960
Call boy	313	.27	1	252	252	68	68	0.81	84
Clay grinder	313	.56	1	294	294	165	165	0.94	176
Clay tramper	313	.63⅓	1	196	196	124	124	0.63	198
Coal wheeler	313	.79½	1	263	263	209	209	0.84	249
Cutters	313	.84	2	626	313	526	263	2.00	263
Cutters' helper	313	.14⅓	1	313	313	46	46	1.00	46
Flatteners	313	1.27½	3	710	237	906	302	2.27	399

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

P.—Window Glass: CONTINENT OF EUROPE—Concluded.

ESTABLISHMENT No. ——Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Foremen	313	$0.81½	1	313	313	$255	$255	1.00	$255
	313	1.03½	1	313	313	324	324	1.00	324
	313	1.11	1	313	313	347	347	1.00	347
Total	313	.98½	3	939	313	926	309	3.00	309
Gatherers	313	1.29	9	1,293	144	1,668	185	4.13	404
Laborers	313	.30½	4	1,093	273	331	83	3.49	95
	313	.58½	2	626	313	366	183	2.00	183
Total	313	.40½	6	1,719	287	697	116	5.49	127
Layer-in	313	.23	1	300	300	69	69	0.96	72
Layer-out	313	.44	1	313	313	138	138	1.00	138
Leersman	313	.26½	1	313	313	83	83	1.00	83
Master teaser	313	1.16	1	253	253	293	293	0.81	362
Mixer	313	.64½	1	313	313	202	202	1.00	202
Packer	313	.63	1	294	294	185	185	0.94	197
Packer's helper	313	.30	1	313	313	94	94	1.00	94
Potmaker	313	.81½	1	235	235	191	191	0.75	254
Refiner	313	1.26	1	253	253	319	319	0.81	395
Taker-off	313	.34½	1	313	313	108	108	1.00	108
Teamster	313	.79	1	313	313	248	248	1.00	248
Teaser	313	.89½	1	189	189	169	169	0.60	280
The establishment	———	1.01½	51	12,085	237	12,263	240	38.62	318

Q.—Green Glass Bottles: UNITED STATES.

ESTABLISHMENT No. 6.

Blacksmith	313	$2.00	1	263	263	$524	$524	0.84	$624
Blowers	313	3.13	1	31	31	97	97	0.10	979
	313	3.50	1	4	4	14	14	0.01	1,096
	313	3.95½	5	65	13	257	51	0.21	1,238
	313	4.55	5	776	155	3,532	706	2.48	1,425
	313	4.76½	2	304	152	1,449	725	0.97	1,492
	313	5.03	2	144	72	724	362	0.46	1,574
	313	5.27	7	984	141	5,184	741	3.14	1,649
	313	5.59½	2	356	178	1,991	996	1.14	1,751
	313	5.75	10	1,995	200	11,476	1,148	6.37	1,800
	313	5.88	2	374	187	2,199	1,100	1.19	1,840
Total	313	5.35	37	5,033	136	26,923	728	16.07	1,674
Blower, boss	313	6.58	1	239	239	1,573	1,573	0.76	2,060
Bricklayers	313	5.50	1	8	8	44	44	0.03	1,722
	313	6.00	1	9	9	54	54	0.03	1,878
Total	313	5.76½	2	17	9	98	49	0.06	1,804
Carriers-in	313	.50	36	2,844	79	1,514	42	9.09	167
Gatherers	313	1.16½	21	2,790	133	3,237	154	8.91	363
Laborers	313	1.25	6	81	14	101	17	0.26	390
	313	1.33½	1	256	256	342	342	0.82	418
	313	1.40	2	58	29	81	41	0.19	437
	313	1.50	15	924	62	1,389	93	2.95	471
	313	1.75	13	573	44	996	77	1.83	544
	313	2.00	2	2	1	4	2	0.01	626
	313	2.23½	2	132	66	295	148	0.42	700

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

Q.—Green Glass Bottles: UNITED STATES—Continued.

ESTABLISHMENT No. 6—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Laborers—concluded	313	$2.50	2	6	3	$15	$8	0.02	$783
	313	2.75	1	4	4	11	11	0.01	861
Total	313	1.59	44	2,036	46	3,234	74	6.51	497
Layers-up	313	.83½	3	520	173	435	145	1.66	262
	313	.90½	2	240	120	217	109	0.77	283
	313	1.14½	1	239	239	274	274	0.76	359
Total	313	.92½	6	999	167	926	154	3.19	290
Master teasers	313	2.94	1	308	308	906	906	0.98	921
	313	4.04	1	49	49	198	198	0.16	1,265
Total	313	3.09	2	357	179	1,104	552	1.14	968
Mixer	313	1.69½	1	314	314	532	532	1.00	530
Mixer's helper	313	1.50	1	274	274	413	413	0.88	472
Packer	313	1.78	1	249	249	443	443	0.80	557
Teasers	365	1.50	1	283	283	425	425	0.78	548
	365	1.85½	3	375	125	696	232	1.03	677
	365	2.07	4	370	93	766	192	1.01	756
Total	365	1.83½	8	1,028	129	1,887	236	2.82	670
Ware hands	313	2.46	1	39	39	96	96	0.12	770
	313	2.92½	1	137	137	401	401	0.44	916
Total	313	2.82½	2	176	88	497	249	0.56	884
The establishment		2.58	163	16,619	102	42,905	263	52.63	815

ESTABLISHMENT No. 8.

Blacksmiths	313	$1.67	1	284	284	$474	$474	0.91	$522
	313	2.53	1	289	289	731	731	0.92	792
Total	313	2.10½	2	573	287	1,205	603	1.83	658
Blacksmiths' apprentice	313	.70	1	264	264	183	183	0.84	217
Blowers	313	2.22½	5	1,120	224	2,492	498	3.58	696
	313	2.57½	1	237	237	610	610	0.76	806
	313	2.77½	5	1,021	204	2,832	566	3.26	868
	313	3.02½	3	477	159	1,444	481	1.52	948
	313	3.29½	7	1,150	164	3,791	542	3.67	1,032
	313	3.43½	2	482	241	1,655	828	1.54	1,075
	313	3.77½	5	1,024	205	3,867	773	3.27	1,182
	313	4.06½	2	443	222	1,800	900	1.42	1,272
	313	4.36	2	462	231	2,015	1,008	1.48	1,365
	313	4.46½	2	331	166	1,478	739	1.06	1,398
	313	5.74	1	248	248	1,424	1,424	0.79	1,797
Total	313	3.34½	35	6,995	200	23,408	669	22.35	1,047
Blowers' apprentices	313	1.08½	5	411	82	445	89	1.31	339
	313	1.37	23	3,525	153	4,825	210	11.26	428
	313	1.60	17	3,491	205	5,577	328	11.15	500
	313	1.85½	8	1,701	213	3,153	394	5.43	580
	313	1.98½	1	235	235	467	467	0.75	622
Total	313	1.54½	54	9,363	173	14,467	268	29.90	484
Carpenter	313	1.35	1	296	296	402	402	0.95	425
Carriers-in	313	.50	9	1,224	136	626	70	3.91	160
	313	.60	4	410	103	245	61	1.31	187

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

Q.—Green Glass Bottles: UNITED STATES—Continued.

ESTABLISHMENT No. 8—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Carriers-in—concluded	313	$0.65	19	2,222	117	$1,453	$76	7.10	$205
	313	.75	17	1,694	100	1,255	74	5.41	232
	313	.81	3	296	99	241	80	0.95	255
	313	.90	2	310	155	272	136	0.99	275
Total	313	.66½	54	6,156	114	4,092	76	19.67	208
Engineers	313	1.46	2	591	296	864	432	1.89	458
Foreman, laborers	313	1.75	1	312	312	544	544	1.00	546
Gatherers	313	.85	2	193	97	164	82	0.62	266
	313	1.25	5	475	95	599	120	1.52	395
	313	1.50	5	449	90	673	135	1.43	469
Total	313	1.28½	12	1,117	93	1,436	120	3.57	402
Laborers	313	1.00	7	247	35	248	35	0.79	314
	313	1.16½	3	220	73	259	86	0.70	368
	313	1.25	36	3,910	109	4,897	136	12.49	392
	313	1.30	8	930	116	1,210	151	2.97	407
	313	1.42	6	950	158	1,331	222	3.04	439
	313	1.50	3	105	35	156	52	0.34	465
Total	313	1.27½	63	6,362	101	8,101	129	20.33	399
Master teasers	313	2.79	1	123	123	343	343	0.39	873
	313	3.10½	2	474	237	1,472	736	1.51	972
	313	3.91½	1	60	60	235	235	0.19	1,226
Total	313	3.12	4	657	164	2,050	513	2.09	977
Mixers	313	1.60	2	495	248	793	397	1.58	501
Mixers' helper	313	1.05	1	235	235	247	247	0.75	329
Packers	313	1.50	12	2,700	225	4,022	335	8.63	466
Packer, boss	313	1.60	1	298	298	480	480	0.95	504
Snappers-up	313	.50	121	14,545	120	7,346	61	46.47	158
Teamsters	313	1.33⅓	1	39	39	52	52	0.12	417
	313	1.50	2	333	167	500	250	1.06	470
Total	313	1.48⅓	3	372	124	552	184	1.18	464
Teasers	313	1.12½	1	96	96	108	108	0.31	352
	313	1.43	1	189	189	270	270	0.60	447
	313	1.50	3	754	251	1,115	372	2.41	463
	313	1.66⅔	2	258	129	429	215	0.82	520
	313	2.16⅔	1	214	214	465	465	0.68	680
	313	2.40½	1	285	285	686	686	0.91	753
Total	313	1.71	9	1,796	200	3,073	341	5.73	536
Ware hands	313	1.25	1	119	119	152	152	0.38	400
	313	1.50	1	252	252	374	374	0.81	465
	313	1.70	1	179	179	304	304	0.57	532
Total	313	1.51	3	550	183	830	277	1.76	472
The establishment	.....	1.38	381	53,677	141	74,095	194	171.47	432

ESTABLISHMENT No. 9.

Blacksmith and engineer	128	$2.00	1	131	131	$263	$263	1.02	$257
Blowers	128	3.00	1	1	1	3	3	0.01	384

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

Q.—Green Glass Bottles: UNITED STATES—Continued.

ESTABLISHMENT No. 9—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Blowers—concluded	128	$3.41½	1	126	126	$430	$430	0.98	$437
	128	3.75⅓	2	127	64	477	239	0.99	481
	128	4.07	4	156	39	635	159	1.22	521
	128	4.32½	4	217	54	939	235	1.70	554
	128	4.57	1	91	91	416	416	0.71	585
	128	4.75⅓	7	747	107	3,553	508	5.84	609
	128	4.95	2	237	119	1,173	587	1.85	634
Total	128	4.48	22	1,702	77	7,626	347	13.30	574
Blowers' apprentices	128	1.81	3	367	122	665	222	2.87	232
	128	2.10½	3	364	121	766	255	2.84	269
	128	2.32½	3	251	84	584	195	1.96	298
	128	2.51	1	124	124	311	311	0.97	321
Total	128	2.10½	10	1,106	111	2,326	233	8.64	269
Boxmaker	128	(a)	1	(a)	(a)	291	291	(a)	(a)
Carriers-in	128	.51⅓	9	1,021	113	525	58	7.98	66
Engineer	150	1.20	1	148	148	179	179	0.99	181
Gatherers	128	.75	1	126	126	95	95	0.98	97
	128	1.00	6	499	83	499	83	3.90	128
Total	128	.95	7	625	89	594	85	4.88	122
Laborers	128	.50	1	34	34	17	17	0.27	64
	128	1.27	8	576	72	731	91	4.50	162
	128	1.58½	3	163	54	258	86	1.27	203
Total	128	1.30	12	773	64	1,006	84	6.04	167
Layers-up	128	1.20	1	120	120	143	143	0.94	153
	128	1.40	1	126	126	176	176	0.98	179
	128	1.45	2	118	59	173	87	0.92	188
	128	1.50	2	112	56	169	85	0.88	193
Total	128	1.39	6	476	79	661	110	3.72	178
Master teaser	128	3.45½	1	125	125	432	432	0.98	442
Mixer	128	1.66⅔	1	128	128	212	212	1.00	212
Packers	128	1.33⅓	3	372	124	505	168	2.91	174
Packer, boss	128	1.66½	1	124	124	208	208	0.97	215
Snappers-up	128	.51	16	1,389	87	711	44	10.85	66
Teamster	128	1.50	1	128	128	195	195	1.00	195
Teasers	150	1.50	2	143	72	216	108	0.95	227
Ware hands	128	1.56	3	123	41	192	64	0.96	200
The establishment	-------	(b)	97	(b)	(b)	c16,142	166	(b)	(b)

ESTABLISHMENT No. 15.

Blacksmith	313	$2.66½	1	280	280	$747	$747	0.89	$835
Blowers	313	3.56½	1	53	53	189	189	0.17	1,116
	313	3.89⅓	1	67	67	261	261	0.21	1,219
	313	4.16½	5	784	157	3,266	653	2.50	1,304
	313	4.52	4	717	179	3,241	810	2.29	1,415
	313	4.65¼	7	1,529	218	7,118	1,017	4.88	1,457

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.
b No total can be made for the reason shown in the preceding footnote.
c The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

Q.—Green Glass Bottles: UNITED STATES—Continued.

ESTABLISHMENT No. 15—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Blowers—concluded	313	$4.94½	6	1,292	215	$6,348	$1,058	4.13	$1,538
	313	5.20	4	924	231	4,804	1.201	2.95	1,627
	313	5.45	3	682	227	3,717	1.239	2.18	1,706
	313	5.71	3	535	178	3,054	1,018	1.71	1,787
	313	5.95½	1	233	233	1,388	1,388	0.74	1,865
	313	6.36	1	203	203	1,291	1,291	0.65	1,991
	313	7.44	1	242	242	1,801	1,801	0.77	2,329
	313	7.73	1	237	237	1,832	1,832	0.76	2,419
Total	313	5.11	38	7,498	197	38,310	1,008	23.94	1,599
Blowers' apprentices	313	1.60	1	233	233	373	373	0.74	501
	313	1.97	2	448	224	883	442	1.43	617
	313	2.20	4	531	133	1,168	292	1.70	688
Total	313	2.00	7	1,212	173	2,424	346	3.87	626
Boxmakers	313	1.50	1	248	248	372	372	0.79	470
	313	2.00	1	280	280	560	560	0.89	626
Total	313	1.76½	2	528	264	932	466	1.68	552
Carpenter	313	3.16	1	272	272	859	859	0.87	988
Carriers-in	313	.50	72	9,260	129	4,771	66	29.58	161
Clay trampers	313	1.50	2	484	242	725	363	1.55	469
	313	1.61½	1	275	275	444	444	0.88	505
Total	313	1.54	3	759	253	1,169	390	2.43	482
Cooling boys	313	.60	9	860	96	517	57	2.75	188
Cullet pickers	313	1.50	2	356	178	548	274	1.14	482
Engineers	313	1.94½	1	283	283	548	548	0.90	606
	313	2.50	1	290	290	725	725	0.93	783
Total	313	2.22	2	573	287	1,273	637	1.83	695
Gatherers	313	.83½	11	1,865	170	1,551	141	5.96	260
	313	1.11½	8	398	50	443	55	1.27	348
	313	1.44½	17	2,843	167	4,106	242	9.08	452
Total	313	1.19½	36	5,106	142	6,100	169	16.31	374
Laborers	313	1.00	4	50	13	51	13	0.16	319
	313	1.25	3	355	118	444	148	1.13	391
	313	1.50	21	3,241	154	4,878	232	10.35	471
	313	1.66½	2	372	186	613	307	1.19	516
	313	2.00	2	17	9	34	17	0.05	626
Total	313	1.49	32	4,035	126	6,020	188	12.88	467
Layers-up	313	1.50	8	1,869	234	2,827	353	5.97	473
Machinists	313	2.50	1	162	162	404	404	0.52	781
	313	3.00	1	279	279	837	837	0.89	939
Total	313	2.81½	2	441	221	1,241	621	1.41	881
Masons	313	2.50	2	360	180	899	450	1.15	782
Masons' helpers	313	1.50	1	250	250	375	375	0.80	470
	313	1.83½	1	192	192	352	352	0.61	574
Total	313	1.64½	2	442	221	727	364	1.41	515

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

Q.—Green Glass Bottles: UNITED STATES—Continued.

ESTABLISHMENT No. 15—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Master teasers	365	$2.64	1	337	337	$890	$890	0.92	$964
	365	3.06½	1	314	314	962	962	0.86	1,118
Total	365	2.84⅓	2	651	326	1,852	926	1.78	1,038
Mixers	313	1.50	5	870	174	1,305	261	2.78	470
	313	1.66½	1	242	242	403	403	0.77	521
	313	2.00	1	232	232	463	463	0.74	625
	313	2.75	1	231	231	636	636	0.74	862
Total	313	1.78	8	1,575	197	2,807	351	5.03	558
Mould boys	313	.50	51	5,286	104	2,673	52	16.89	158
Mould cleaners	313	1.58½	1	221	221	346	346	0.71	490
	313	1.83⅓	1	238	238	436	436	0.76	573
Total	313	1.70½	2	459	230	782	391	1.47	533
Packers	313	1.66½	4	1,064	266	1,764	441	3.40	519
	313	2.00	11	1,438	131	2,877	262	4.59	626
Total	313	1.85½	15	2,502	167	4,641	309	7.99	581
Potmakers	313	3.00	1	83	83	249	249	0.27	939
	313	3.74½	1	112	112	419	419	0.36	1,171
Total	313	3.42½	2	195	98	668	334	0.63	1,072
Pressmen	313	2.02½	6	1,011	169	2,046	341	3.23	633
	313	2.22	5	1,366	273	3,033	607	4.36	695
	313	2.48⅓	2	280	140	696	348	0.89	778
Total	313	2.17½	13	2,657	204	5,775	444	8.48	680
Pressmen's apprentices	313	1.51	3	830	277	1,255	418	2.65	473
	313	1.74	5	488	98	848	170	1.56	544
Total	313	1.59½	8	1,318	165	2,103	263	4.21	499
Screwmakers	313	.66½	29	4,383	151	2,922	101	14.00	209
Sorters	313	.50	3	530	177	265	88	1.69	157
	313	.66⅔	1	257	257	172	172	0.82	209
Total	313	.55⅓	4	787	197	437	109	2.51	174
Teamsters	313	1.50	2	354	177	531	266	1.13	470
	313	2.00	5	733	147	1,466	293	2.34	626
Total	313	1.83⅓	7	1,087	155	1,997	285	3.47	575
Teasers	365	1.57	1	279	279	437	437	0.76	572
	365	1.71½	3	603	201	1,032	344	1.65	625
	313	1.78	1	281	281	500	500	0.90	557
	365	1.93	1	325	325	626	626	0.89	703
	365	2.00	3	684	228	1,363	454	1.87	727
Total	358	1.82	9	2,172	241	3,958	440	6.07	652
Watchman	365	1.50	1	327	327	491	491	0.90	548
Wirers	313	1.83⅓	1	279	279	511	511	0.89	573
	313	2.50	2	333	167	832	416	1.06	782
Total	313	2.19½	3	612	204	1,343	448	1.95	687
The establishment		1.76	373	57,862	155	a101,813	273	183.49	555

a The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

Q.—Green Glass Bottles: UNITED STATES—Continued.

ESTABLISHMENT No. **16.**

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Blacksmith	313	$2.50	1	313	313	$782	$782	1.00	$782
Blacksmith's helper	313	1.58	1	294	294	464	464	0.94	494
Blowers	313	3.02⅔	2	260	130	787	394	0.83	947
	313	3.46½	2	237	119	821	411	0.76	1,084
	313	3.69	2	234	117	864	432	0.75	1,156
	313	3.95½	3	541	180	2,140	713	1.73	1,238
	313	4.05½	1	236	236	957	957	0.75	1,269
	313	4.40	6	880	147	3,873	646	2.81	1,373
	313	4.70⅔	3	714	238	3,358	1,119	2.28	1,472
	313	4.85	8	1,610	201	7,805	976	5.14	1,517
	313	5.09½	5	1,196	239	6,091	1,218	3.82	1,594
	313	5.41½	3	590	197	3,194	1,065	1.88	1,694
	313	5.62	3	713	238	4,008	1,336	2.28	1,759
	313	5.89	2	465	233	2,739	1,370	1.49	1,844
	313	6.82	4	675	169	4,604	1,151	2.16	2,135
Total	313	4.94	44	8,351	190	41,241	937	26.68	1,546
Blowers' apprentices	313	1.15½	1	232	232	268	268	0.74	362
	313	1.48½	3	703	234	1,045	348	2.25	465
	313	1.76	2	469	235	825	413	1.50	551
	313	2.07½	2	439	220	911	456	1.40	650
	313	2.35½	2	482	241	1,135	568	1.54	737
	313	2.40½	1	231	231	556	556	0.74	753
Total	313	1.85½	11	2,556	232	4,740	431	8.17	580
Boxmakers	313	1.83½	1	305	305	563	563	0.97	578
	313	2.50	1	303	303	758	758	0.97	783
Total	313	2.17½	2	608	304	1,321	661	1.94	680
Boxmakers' helpers	313	.66⅔	1	226	226	147	147	0.72	204
	313	.83½	1	93	93	76	76	0.30	256
Total	313	.70	2	319	160	223	112	1.02	219
Carriers-in	313	.58⅓	4	826	207	476	119	2.64	180
	313	.66½	2	343	172	232	116	1.10	212
	313	.75	4	759	190	567	142	2.42	234
Total	313	.66	10	1,928	193	1,275	128	6.16	207
Engineers	365	2.00	1	293	293	586	586	0.80	730
	365	3.00	1	359	359	1,077	1,077	0.98	1,095
Total	365	2.55	2	652	326	1,663	832	1.78	931
Foreman, yard	313	1.66½	1	307	307	512	512	0.98	522
Gatherers	313	.66⅔	1	238	238	158	158	0.76	208
	313	.75	5	1,173	235	872	174	3.75	233
	313	.83½	4	892	223	745	186	2.85	261
	313	1.00	2	8	4	8	4	0.03	313
	313	1.33½	1	217	217	289	289	0.69	417
Total	313	.82	13	2,528	194	2,072	159	8.08	257
Laborers	313	.75	1	205	205	155	155	0.65	237
	313	1.00	2	301	151	301	151	0.96	313
	313	1.50	22	1,155	53	1,736	79	3.69	470
	313	1.62½	3	644	215	1,045	348	2.06	508
Total	313	1.40½	28	2,305	82	3,237	116	7.36	440

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

Q.—Green Glass Bottles: UNITED STATES—Continued.

ESTABLISHMENT No. 16—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Layers-up	313	$0.87	1	264	264	$230	$230	0.84	$273
	313	1.50	8	1,627	203	2,464	308	5.20	474
Total	313	1.42½	9	1,891	210	2,694	299	6.04	446
Leersmen	313	1.50	4	986	247	1,479	370	3.15	470
Master teasers	365	2.30⅓	3	749	250	1,727	576	2.05	842
Mixer	313	2.12	1	305	305	647	647	0.97	664
Mixer's helpers	313	1.75	2	610	305	1,086	543	1.95	557
Mouldmakers	313	2.82	2	314	157	886	443	1.00	883
Mouldmakers' helper	313	.95	1	255	255	242	242	0.81	297
Mouldman	313	1.66⅔	1	295	295	493	493	0.94	523
Packers	313	1.50	1	280	280	420	420	0.89	470
	313	1.66⅔	7	1,921	274	3,166	452	6.14	516
Total	313	1.63	8	2,201	275	3,586	448	7.03	510
Potmaker	313	2.18⅓	1	228	228	496	496	0.73	681
Potmaker's helper	313	1.66⅔	1	322	322	540	540	1.03	525
Pot-shell pickers	313	1.50	2	231	116	346	173	0.74	469
Shipping clerk	313	1.83⅓	1	307	307	563	563	0.98	574
Snappers-up	313	.50	90	8,349	93	4,238	47	26.67	159
Teamsters	313	1.83⅓	1	307	307	563	563	0.98	574
	313	2.00	1	307	307	614	614	0.98	626
Total	313	1.91⅔	2	614	307	1,177	589	1.96	600
Teasers	365	1.80⅓	4	832	208	1,501	375	2.28	658
Watchman	365	1.00	1	357	357	357	357	0.98	365
Wirer	313	1.95⅓	1	191	191	373	373	0.61	611
The establishment		2.04	249	39,198	157	79,961	321	124.03	645

ESTABLISHMENT No. 17.

Blacksmith	313	$2.00	1	192	192	$383	$383	0.61	$624
Blowers	313	3.38	2	34	17	115	58	0.11	1,059
	313	4.41½	1	12	12	53	53	0.04	1,382
	313	4.60	2	82	41	377	189	0.26	1,439
	313	5.19	2	298	149	1,546	773	0.95	1,624
	313	5.89⅓	4	611	153	3,603	901	1.95	1,846
	313	6.18⅓	2	301	151	1,861	931	0.96	1,935
	313	6.39½	3	442	147	2,826	942	1.41	2,001
	313	6.58	1	148	148	974	974	0.47	2,060
Total	313	5.89	17	1,928	113	11,355	668	6.15	1,843
Blowers' apprentices	313	1.99⅙	1	156	156	297	297	0.50	596
	313	3.47½	1	156	156	542	542	0.50	1,087
Total	313	2.69	2	312	156	839	420	1.00	842
Box nailer	313	1.34½	1	182	182	245	245	0.58	421
Carriers-in	313	.49	13	1,392	107	685	53	4.45	154
Chippers	313	.61	4	464	116	284	71	1.48	192
Engineers	313	1.50	2	167	84	250	125	0.53	469
Gatherers	313	.88	8	1,034	129	909	114	3.30	275
	313	1.25	1	56	56	70	70	0.18	391
Total	313	.90	9	1,090	121	979	109	3.48	281

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

Q.—Green Glass Bottles: UNITED STATES—Continued.

ESTABLISHMENT No. 17—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Inspector	313	$1.35½	1	175	175	$237	$237	0.56	$424
Laborers	313	.83½	1	30	30	25	25	0.10	261
	313	1.00	1	64	64	64	64	0.20	313
	313	1.20	1	5	5	6	6	0.02	376
	313	1.35	4	517	129	702	176	1.65	425
	313	1.50	5	115	23	173	35	0.37	471
Total	313	1.32½	12	731	61	970	81	2.34	415
Layers-up	313	.97½	5	623	125	608	122	1.99	305
Master teaser	365	2.52	1	201	201	507	507	0.55	921
Mixers	313	1.50	2	335	168	502	251	1.07	469
Packers	313	1.25	2	414	207	525	263	1.32	397
Shovers-in	313	.83½	1	163	163	136	136	0.52	261
Taker-off	313	.56	4	291	73	163	41	0.93	175
Teamsters	313	1.35⅓	1	160	160	217	217	0.51	425
	313	1.50	1	217	217	325	325	0.69	469
Total	313	1.44	2	377	189	542	271	1.20	450
Teasers	365	1.25	1	21	21	27	27	0.06	469
	365	1.50	3	587	196	871	290	1.61	542
Total	365	1.47½	4	608	152	898	225	1.67	539
Ware hands	313	1.25	1	86	86	108	108	0.27	393
	313	1.40	2	297	149	419	210	0.95	442
Total	313	1.37½	3	383	128	527	176	1.22	431
Washers	313	.53	2	314	157	166	83	1.00	165
Waterboys	313	.55	3	192	64	106	35	0.61	173
The establishment		1.98½	91	10,534	116	20,907	230	33.26	629

ESTABLISHMENT No. 18.

Blacksmiths	313	$1.88½	1	151	151	$285	$285	0.48	$591
	313	2.00	2	43	22	86	43	0.14	626
Total	313	1.91	3	194	65	371	124	0.62	599
Blowers	313	3.27	3	59	20	193	64	0.19	1,024
	313	3.68½	2	234	117	862	431	0.75	1,153
	313	3.97½	5	788	158	3,132	626	2.52	1,244
	313	4.31	1	78	78	336	336	0.25	1,348
	313	4.62	1	37	37	171	171	0.12	1,447
	313	4.85½	1	189	189	918	918	0.60	1,520
	313	5.05	1	40	40	202	202	0.13	1,581
	313	6.14½	2	378	189	2,323	1,162	1.21	1,924
Total	313	4.51½	16	1,803	113	8,137	509	5.77	1,413
Blowers' apprentices	313	2.39½	4	741	185	1,775	444	2.37	750
	313	2.73½	1	144	144	394	394	0.46	856
Total	313	2.45	5	885	177	2,169	434	2.83	767
Bricklayer	313	3.50	1	12	12	42	42	0.04	1,096
Carpenters	313	2.50	2	39	20	98	49	0.12	787
Carriers-in	313	.50	14	2,124	152	1,062	76	6.79	157
Carrier-in and layer-up	313	.68	1	172	172	117	117	0.55	213

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

Q.—Green Glass Bottles: UNITED STATES—Continued.

ESTABLISHMENT No. 18—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Chippers	313	$0.66⅔	2	330	165	$220	$110	1.05	$209
Foreman, laborers	313	1.77½	1	211	211	374	374	0.67	555
Gatherers	313	1.25	8	1,195	149	1,495	187	3.82	392
Grinder	313	2.05	1	165	165	338	338	0.53	641
Laborers	313	1.25	10	448	45	570	57	1.43	398
Layers-up	313	1.00	5	799	160	798	160	2.55	313
Master teasers	313	3.33⅓	2	189	95	627	314	0.60	1,038
Mixers	313	1.75	3	311	104	542	181	0.99	545
Mixer and teaser	365	1.62	1	144	144	233	233	0.39	591
Packers	313	1.40½	2	357	179	502	251	1.14	440
	313	1.64½	1	183	183	301	301	0.58	515
Total	313	1.48½	3	540	180	803	268	1.72	465
Sorter	313	2.00	1	144	144	284	284	0.46	617
Teaser	365	1.42	1	140	140	199	199	0.38	519
Ware hands	313	1.50	2	126	63	189	95	0.40	470
	313	2.05	1	124	124	254	254	0.40	641
Total	313	1.77	3	250	83	443	148	0.80	555
Washer	313	1.15	1	165	165	190	190	0.53	360
The establishment	.....	1.86½	84	10,260	122	a 19,112	228	32.64	586

ESTABLISHMENT No. 19.

Blacksmith	313	$2.50	1	330	330	$825	$825	1.05	$783
Blowers	313	2.47½	1	40	40	99	99	0.13	775
	313	3.14	6	165	28	518	86	0.53	983
	313	3.43½	1	16	16	55	55	0.05	1,076
	313	3.51⅓	3	60	20	211	70	0.19	1,101
	313	3.82½	3	86	29	329	110	0.27	1,197
	313	4.15⅓	7	487	70	2,023	289	1.56	1,300
	313	4.24	1	121	121	513	513	0.39	1,327
	313	4.50½	3	326	109	1,469	490	1.04	1,410
	313	4.83	1	107	107	517	517	0.34	1,512
	313	5.07½	3	653	218	3,314	1,105	2.09	1,588
	313	5.56	6	1,248	208	6,939	1,157	3.99	1,740
	313	5.85½	2	431	216	2,523	1,262	1.38	1,832
	313	6.03½	2	497	249	2,999	1,500	1.59	1,889
Total	313	5.07½	39	4,237	109	21,509	552	13.55	1,589
Blowers' apprentices	313	1.87½	2	399	200	749	375	1.27	588
	313	2.06	2	370	185	762	381	1.18	645
Total	313	1.96⅓	4	769	192	1,511	378	2.45	615
Carriers-in	313	.60	19	609	32	371	20	1.95	191
	313	.66⅔	34	3,088	91	2,020	59	9.87	205
Total	313	.64½	53	3,697	70	2,391	45	11.82	202
Chippers	313	.66⅔	20	1,370	69	920	46	4.38	210
Gatherers	313	1.50	22	2,220	101	3,330	151	7.09	470
Grinder	313	1.50	1	276	276	414	414	0.88	470
Inspector	313	2.40½	1	313	313	753	753	1.00	753
Jar trimmer	313	3.00	1	68	68	204	204	0.22	939

a The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

Q.—Green Glass Bottles: UNITED STATES—Continued.

ESTABLISHMENT No. **19**—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Laborers	313	$0.86	2	293	147	$252	$126	0.94	$269
	313	1.14½	1	21	21	24	24	0.07	358
	313	1.41½	1	258	258	365	365	0.82	443
	313	1.50	36	2,353	65	3,537	98	7.52	470
	313	2.00	1	69	69	138	138	0.22	626
Total	313	1.44	41	2,994	73	4,316	105	9.57	451
Layers-up	313	1.00	8	1,021	128	1,021	128	3.26	313
Master teaser	313	3.83½	1	313	313	1,200	1,200	1.00	1,200
Mixer	313	2.61½	1	267	267	698	698	0.85	818
Mixer's helper	313	1.50	1	258	258	387	387	0.82	470
Mould boys	313	.66½	1	66	66	44	44	0.21	209
	313	.75	4	842	211	628	157	2.69	233
	313	.96	1	307	307	294	294	0.98	300
Total	313	.79½	6	1,215	203	966	161	3.88	249
Packers	313	1.50	3	668	223	1,003	334	2.13	470
Teasers	313	1.50	1	11	11	17	17	0.04	484
	313	1.66½	1	260	260	434	434	0.83	522
	313	2.00	2	416	208	832	416	1.33	626
Total	313	1.87	4	687	172	1,283	321	2.20	585
Ware hands	313	1.50	3	215	72	334	111	0.69	486
	313	2.00	4	611	153	1,204	301	1.95	617
Total	313	1.86	7	826	118	1,538	220	2.64	583
The establishment		2.05½	214	21,529	101	44,269	207	68.79	644

ESTABLISHMENT No. **22.**

Blacksmith	313	$1.86½	1	276	276	$515	$515	0.88	$584
Blowers	313	2.50	2	16	8	40	20	0.05	783
	313	3.13½	4	293	73	918	230	0.94	981
	313	3.29	6	582	97	1,916	319	1.86	1,030
	313	3.57	3	93	31	332	111	0.30	1,117
	313	3.75½	8	1,305	163	4,902	613	4.17	1,176
	313	4.01	3	570	190	2,287	762	1.82	1,256
	313	4.37½	1	96	96	420	420	0.31	1,369
Total	313	3.66	27	2,955	109	10,815	401	9.45	1,146
Blowers' apprentices	313	1.33	2	389	195	518	259	1.24	417
	313	2.12	1	195	195	413	413	0.62	663
Total	313	1.59½	3	584	195	931	310	1.86	499
Carriers-in	313	.50	16	1,902	119	961	60	6.08	158
Engineer	313	2.73½	1	286	286	782	782	0.91	856
Gatherers	313	1.25	13	789	61	987	76	2.52	392
Laborers	313	1.50	3	228	76	343	114	0.73	471
	313	1.60	2	209	105	338	169	0.67	506
Total	313	1.56	5	437	87	681	136	1.40	488
Layers-up	313	1.66½	2	296	148	493	247	0.95	521
Leersman	313	1.25	1	192	192	240	240	0.61	391
Mixer	313	1.66½	1	189	189	315	315	0.60	522

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

Q.—Green Glass Bottles: UNITED STATES—Continued.

ESTABLISHMENT No. 22—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Mould boys	313	$0.58½	3	377	126	$221	$74	1.20	$183
	313	.62½	2	303	152	188	94	0.97	194
Total	313	.60	5	680	136	409	82	2.17	188
Packers	313	1.66½	4	227	82	544	136	1.04	521
Snappers-up	313	.50	15	649	43	327	22	2.07	158
	313	.54	2	230	115	127	64	0.73	173
Total	313	.51½	17	879	52	454	27	2.80	162
Stopper adjuster	313	1.83½	1	24	24	44	44	0.08	574
Teamsters	313	1.65	2	395	198	650	325	1.26	515
Teasers	313	1.50	1	134	134	201	201	0.43	470
	313	2.66½	2	56	28	149	75	0.18	833
Total	313	1.84	3	190	63	350	117	0.61	577
Ware hands	313	1.55	1	13	13	20	20	0.04	482
	313	1.66½	1	178	178	296	296	0.57	520
	313	1.82½	1	197	197	360	360	0.63	572
Total	313	1.74	3	388	129	676	225	1.24	545
The establishment		1.84	105	10,789	103	19,847	189	34.46	576

ESTABLISHMENT No. 23.

Blacksmith	313	$3.00	1	296	296	$895	$895	0.95	$946
Blowers	313	2.60½	2	204	102	531	266	0.65	815
	313	2.76	2	91	46	251	126	0.29	863
	313	3.03⅛	3	365	122	1,108	369	1.17	950
	313	3.27½	2	167	84	547	274	0.53	1,025
	313	3.49	4	514	129	1,794	449	1.64	1,092
	313	3.87½	3	494	165	1,914	638	1.58	1,213
	313	3.98⅜	3	506	169	2,017	672	1.62	1,248
	313	4.29	5	870	174	3,733	747	2.78	1,343
	313	4.54½	6	1,017	170	4,622	770	3.25	1,423
	313	4.78	2	339	170	1,620	810	1.08	1,496
Total	313	3.97	32	4,567	143	18,137	567	14.59	1,243
Blowers, boss	313	8.93	1	174	174	1,554	1,554	0.56	2,795
	313	9.21	1	176	176	1,621	1,621	0.56	2,883
Total	313	9.07	2	350	175	3,175	1,588	1.12	2,839
Blowers' apprentices	313	1.58⅓	2	391	196	620	310	1.25	496
	313	2.10	2	342	171	718	359	1.09	657
Total	313	1.82½	4	733	183	1,338	335	2.34	571
Carpenter	313	2.40	1	305	305	734	734	0.97	753
Carrier-in	313	.50	1	121	121	61	61	0.39	158
Demijohn coverer	313	4.25	1	301	301	1,279	1,279	0.96	1,330
Engineers	365	1.74	2	500	250	870	435	1.37	635
Foreman	313	5.00	1	306	306	1,530	1,530	0.98	1,565
Foreman, laborers	313	1.66½	1	279	279	465	465	0.89	522
Gatherers	313	1.25	4	678	170	849	212	2.17	392
	313	1.43	4	546	137	780	195	1.74	447
Total	313	1.33	8	1,224	153	1,629	204	3.91	417

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

Q.—Green Glass Bottles: UNITED STATES—Continued.

ESTABLISHMENT No. **23**—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Laborers	313	$1.25	33	843	26	$1,059	$32	2.69	$393
	313	1.37½	2	237	119	326	163	0.76	431
	313	1.41½	2	94	47	133	67	0.30	443
	313	1.50	12	673	57	1,025	85	2.17	473
	313	1.68	3	176	59	295	98	0.56	525
Total	313	1.40	52	2,028	39	2,838	55	6.48	438
Laborer and master teaser	365	2.18	1	319	319	696	696	0.87	796
Laborer and mixer	313	1.54	1	130	130	200	200	0.42	482
Layers-up	313	.83½	1	168	168	131	131	0.54	244
	313	1.25	4	220	55	276	69	0.70	393
	313	1.50	5	441	88	645	129	1.41	458
Total	313	1.27	10	829	83	1,052	105	2.65	397
Mixers	313	1.68	2	448	224	752	376	1.43	525
Mould boys	313	.50	3	299	100	151	50	0.96	158
Packers	313	1.00	1	11	11	11	11	0.04	313
	313	1.47½	4	696	174	1,028	257	2.22	462
	313	2.08	2	472	236	981	491	1.51	651
Total	313	1.71½	7	1,179	168	2,020	289	3.77	536
Potmaker	313	3.15½	1	289	289	912	912	0.92	988
Potmaker's helpers	313	1.58½	3	539	180	855	285	1.72	497
Snappers-up	313	.37	10	73	7	27	3	0.23	116
	313	.41½	52	1,959	38	821	16	6.26	131
	313	.46	24	1,192	50	548	23	3.81	144
	313	.50	23	1,731	75	859	37	5.53	155
	313	.62½	3	72	24	45	15	0.23	196
	313	.87	2	62	31	54	27	0.20	273
Total	313	.46½	114	5,089	45	2,354	21	16.26	145
Stopper adjuster	313	2.60½	1	306	306	797	797	0.98	815
Teamsters	313	1.75	2	572	286	1,017	509	1.83	557
	313	1.91½	1	307	307	588	588	0.98	599
Total	313	1.82½	3	879	293	1,605	535	2.81	572
Teasers	313	1.66½	1	184	184	300	300	0.59	510
	313	2.04	2	365	183	743	372	1.17	637
Total	313	1.90	3	549	183	1,043	348	1.76	595
Ware hands	313	1.50	2	105	53	157	79	0.34	468
Watchmen	313	1.33½	2	396	198	526	263	1.27	416
The establishment		2.06	259	22,366	86	46,071	178	71.11	648

ESTABLISHMENT No. **24.**

Blacksmith	313	$4.00	1	246	246	$984	$984	0.79	$1,252
Blowers	313	2.92½	2	208	104	608	304	0.66	915
	313	3.25	1	201	201	653	653	0.64	1,017
	313	3.40½	3	59	20	201	67	0.19	1,066
	313	3.72½	10	1,150	115	4,282	428	3.67	1,165
	313	3.94	2	394	197	1,553	777	1.26	1,234

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

Q.—Green Glass Bottles: UNITED STATES—Continued.

ESTABLISHMENT No. 24—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Blowers—concluded	313	$4.12½	8	943	118	$3,891	$486	3.01	$1,291
	313	4.43½	9	829	92	3,677	409	2.65	1,388
	313	4.74½	1	192	192	911	911	0.61	1,485
	313	4.95	8	1,392	174	6,888	861	4.45	1,549
	313	5.14½	4	749	187	3,855	964	2.39	1,611
	313	5.44½	4	778	195	4,236	1,059	2.49	1,704
Total	313	4.46	52	6,895	133	20,755	591	22.02	1,396
Blowers' apprentices	313	1.66	6	1,161	194	1,927	321	3.71	520
Carpenter	313	2.00	1	312	312	624	624	1.00	626
Carriers-in	313	.66½	47	6,205	132	4,146	88	19.82	209
Fillers-in and teasers	365	1.78	4	1,091	273	1,943	486	2.99	650
Foreman	313	2.50	1	312	312	780	780	1.00	783
Gatherers	313	1.25	13	2,131	164	2,662	205	6.81	391
Laborers	313	1.25	1	209	209	261	261	0.67	391
	313	1.33⅓	4	267	67	354	89	0.85	415
	313	1.50	15	1,640	109	2,460	164	5.24	470
Total	313	1.45½	20	2,116	106	3,075	154	6.76	455
Layers-up	313	1.00	7	1,360	194	1,359	194	4.35	313
	313	1.27⅓	1	176	176	224	224	0.56	398
Total	313	1.03	8	1,536	192	1,583	198	4.91	323
Master teaser	313	3.58	1	201	201	720	720	0.64	1,121
Mixer	313	2.55	1	209	209	533	533	0.67	798
Packers	313	2.00	1	245	245	490	490	0.78	626
	313	2.33⅓	1	184	184	429	429	0.59	730
	313	2.66½	2	365	183	973	487	1.17	834
Total	313	2.38½	4	794	199	1,892	473	2.54	746
Packer, boss	313	3.66½	1	190	190	697	697	0.61	1,148
Potmaker	313	1.66½	1	284	284	472	472	0.91	520
Potmaker's helpers	313	1.50	3	458	153	686	229	1.46	469
Teamster	313	2.00	1	312	312	624	624	1.00	626
Ware hands	313	1.92½	2	482	241	929	465	1.54	603
Watchman	365	1.43	1	355	355	509	509	0.97	523
The establishment		2.19½	168	25,290	151	55,541	331	80.15	693

ESTABLISHMENT No. 25.

Blacksmiths	313	$2.00	2	151	76	$301	$151	0.48	$624
	313	3.00	1	139	139	416	416	0.44	937
Total	313	2.47	3	290	97	717	239	0.92	774
Blowers	313	2.42½	5	61	12	148	30	0.19	759
	313	2.68½	4	19	5	51	13	0.06	840
	313	3.03	2	36	18	109	55	0.12	948
	313	3.19	4	271	68	865	216	0.87	999
	313	3.44	6	160	27	550	92	0.51	1,076
	313	3.72	10	1,467	147	5,456	546	4.69	1,164
	313	4.00	4	408	102	1,632	408	1.30	1,252
	313	4.18½	1	209	209	875	875	0.67	1,310
	313	4.44½	4	540	135	2,401	600	1.73	1,392
	313	4.71½	9	1,612	179	7,598	844	5.15	1,475
	313	4.95⅓	5	960	192	4,758	952	3.07	1,551

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

Q.—Green Glass Bottles: UNITED STATES—Continued.

ESTABLISHMENT No. 25—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Blowers—concluded	313	$5.92	2	438	219	$2,593	$1,297	1.40	$1,853
	313	6.39	2	478	239	3,054	1,527	1.53	2,000
Total	313	4.52	58	6,659	115	30,090	519	21.29	1,414
Blowers' apprentices	313	1.57½	5	451	90	711	142	1.44	493
	313	2.00½	2	239	120	479	240	0.76	627
	313	2.06	5	242	48	499	100	0.77	645
Total	313	1.81	12	932	78	1,689	141	2.97	567
Carriers-in	313	.60½	42	3,096	74	2,062	49	9.89	208
Carriers-over	313	.66½	15	850	57	567	38	2.72	209
Gatherers	313	1.25	21	1,871	89	2,407	115	5.98	403
	313	1.33⅓	1	228	228	304	304	0.73	417
Total	313	1.29	22	2,099	95	2,711	123	6.71	404
Laborers	313	1.25	3	505	168	631	210	1.61	391
	313	1.33⅓	11	487	44	664	60	1.56	427
	313	1.50	11	1,056	96	1,578	143	3.37	468
Total	313	1.40½	25	2,048	82	2,873	115	6.54	439
Layers-up	313	.78½	2	252	126	198	99	0.81	246
	313	1.05	6	705	118	740	123	2.25	329
	313	1.48	1	240	240	355	355	0.77	463
	313	1.97	1	252	252	496	496	0.81	616
Total	313	1.23⅓	10	1,449	145	1,789	179	4.64	386
Mould boys	313	.66½	17	1,439	85	970	57	4.60	211
Mouldmen	313	1.50	4	446	112	668	167	1.42	469
Packers	313	2.00	2	482	241	964	482	1.54	626
	313	2.33⅓	1	241	241	562	562	0.77	730
Total	313	2.11	3	723	241	1,526	509	2.31	661
Packers, boss	313	3.00	2	241	121	723	362	0.77	939
Ring boys	313	.66½	3	314	105	209	70	1.00	208
Teamsters	313	1.60	1	283	283	447	447	0.90	494
	313	2.00	1	311	311	616	616	0.99	620
Total	313	1.79	2	594	297	1,063	532	1.89	560
The establishment		2.25	218	21,180	97	47,657	219	67.67	704

ESTABLISHMENT No. 26.

Blacksmiths	313	$1.50	1	233	233	$350	$350	0.74	$470
	313	2.00	1	26	26	53	53	0.08	638
Total	313	1.55½	2	259	130	403	202	0.82	487
Blowers	313	3.08½	3	141	47	435	145	0.45	966
	313	3.37½	8	24	3	81	10	0.08	1,056
	313	3.93	3	58	19	228	76	0.19	1,230
	313	4.17½	4	275	69	1,148	287	0.88	1,307
	313	4.41½	16	1,235	77	5,451	341	3.95	1,382
	313	4.60	5	595	119	2,738	548	1.90	1,440
	313	4.92½	5	298	60	1,467	293	0.95	1,541

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

Q.—Green Glass Bottles: UNITED STATES—Continued.

ESTABLISHMENT No. 26—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Blowers—concluded	313	$5.13	6	774	129	$3,970	$662	2.47	$1,605
	313	5.32½	4	376	94	2,002	501	1.20	1,667
	313	5.52½	2	442	221	2,443	1,222	1.41	1,730
	313	5.93	2	207	104	1,228	614	0.66	1,857
	313	6.20	2	221	111	1,370	685	0.71	1,940
Total	313	4.85½	60	4,646	77	22,561	376	14.85	1,520
Blower, boss	313	5.94½	1	233	233	1,385	1,385	0.74	1,861
Blowers' apprentices	313	2.28	3	651	217	1,483	494	2.08	713
	313	2.53½	3	649	216	1,644	548	2.07	793
Total	313	2.40½	6	1,300	217	3,127	521	4.15	753
Boxmaker	313	1.50	1	60	60	91	91	0.19	475
Carriers-in	313	.66½	79	5,250	66	3,511	44	16.77	209
Carrier-in and gatherer	313	.81½	1	184	184	150	150	0.59	255
Carriers-in and snappers-up	313	.74½	6	776	129	580	97	2.48	234
Gatherers	313	1.25	7	683	98	851	122	2.18	390
Laborers	313	.97½	1	79	79	77	77	0.25	305
	313	1.25	1	52	52	65	65	0.17	391
	313	1.50	20	949	47	1,424	71	3.03	470
	313	1.90½	1	52	52	99	99	0.17	596
Total	313	1.47	23	1,132	49	1,665	72	3.62	460
Master teaser	313	2.50	1	252	252	630	630	0.81	783
Mixers	313	1.83½	3	291	97	536	179	0.93	577
Packers	313	1.63	2	258	129	421	211	0.82	511
	313	2.00	5	331	66	662	132	1.06	626
Total	313	1.84	7	589	84	1,083	155	1.88	576
Packer, boss	313	3.62½	1	239	239	866	866	0.76	1,134
Snappers-up	313	1.08½	4	669	167	725	181	2.14	339
Teasers	313	1.80	2	539	270	971	486	1.72	564
The establishment	-------	2.29	204	17,102	84	39,135	192	54.63	716

ESTABLISHMENT No. 28.

Blacksmith	90	$2.50	1	90	90	$225	$225	1.00	$225
Blowers	90	3.93½	1	90	90	354	354	1.00	354
	90	4.41½	1	89	89	393	393	0.99	397
	90	4.52½	16	1,424	89	6,441	403	15.82	407
	90	5.30	1	90	90	477	477	1.00	477
	90	5.92	1	89	89	527	527	0.99	533
Total	90	4.59½	20	1,782	89	8,192	410	19.80	414
Carpenter	90	2.44	1	104	104	254	254	1.16	220
Carriers-in	90	.50	9	563	63	284	32	6.26	45
	90	.66½	2	108	54	72	36	1.20	60
Total	90	.53	11	671	61	356	32	7.46	48
Gatherers	90	1.00	4	159	40	159	40	1.77	90
	90	1.13	1	92	92	104	104	1.02	102
	90	1.25	2	87	44	108	54	0.97	112
Total	90	1.10	7	338	48	371	53	3.76	99

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

Q.—Green Glass Bottles: UNITED STATES—Concluded.

ESTABLISHMENT No. 28—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Laborers	90	$1.00	2	188	94	$189	$95	2.09	$90
	80	1.25	2	7	4	9	5	0.08	116
	90	1.33½	5	324	65	432	86	3.60	120
	90	1.60	4	10	3	16	4	0.11	144
	90	2.00	1	18	18	36	36	0.20	180
Total	90	1.24½	14	547	39	682	49	6.08	112
Layers up	90	.58½	1	36	36	21	21	0.40	53
	90	1.24½	1	89	89	111	111	0.99	112
	90	1.44½	2	132	66	191	96	1.47	130
Total	90	1.25½	4	257	64	323	81	2.86	113
Master workman	105	3.16½	1	108	108	342	342	1.03	333
Miner	90	1.54	1	89	89	137	137	0.99	139
Mould boys	90	.60½	1	27	27	18	18	0.30	60
	90	1.08½	1	12	12	13	13	0.13	98
Total	90	.79½	2	39	20	31	16	0.43	72
Packer	90	1.31	3	157	52	206	69	1.74	118
	90	1.67	1	94	94	157	157	1.04	150
Total	90	1.44½	4	251	63	363	91	2.78	130
Snapper-up	90	.50	20	702	35	351	18	7.80	45
	90	.66½	1	81	81	51	51	0.90	57
Total	90	.51½	21	783	37	402	19	8.70	46
Teasers	105	1.33½	3	213	71	286	95	2.03	141
Ware hands	90	1.00	1	1	1	1	1	0.01	90
	90	1.20	2	22	11	27	14	0.24	110
	90	1.40	1	5	5	7	7	0.06	126
Total	90	1.25	4	28	7	35	9	0.31	113
The establishment		2.26½	94	5,300	56	11,999	128	53.39	205

R.—Flint Glass Bottles: UNITED STATES.

ESTABLISHMENT No. 3.

Blacksmith	313	$2.90½	1	228	228	$662	$662	0.73	$909
Blowers	313	2.59½	2	32	16	83	42	0.10	812
	313	2.90½	5	93	19	270	54	0.30	909
	313	3.25½	5	281	56	914	183	0.90	1,018
	313	3.43½	8	947	118	3,255	407	3.03	1,076
	313	3.76	6	194	32	729	122	0.62	1,176
	313	3.89½	12	845	70	3,291	274	2.70	1,219
	313	4.22½	6	321	54	1,356	226	1.03	1,322
	313	4.48½	10	823	82	3,693	369	2.63	1,405
	313	4.70½	6	677	113	3,184	531	2.16	1,472
	313	5.03½	8	718	90	3,616	452	2.29	1,576
	313	5.34½	1	166	168	898	898	0.54	1,673
	313	5.68½	4	256	64	1,455	364	0.82	1,779
Total	313	4.24½	73	5,355	73	22,744	312	17.12	1,329

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

R.—Flint Glass Bottles: UNITED STATES—Continued.

ESTABLISHMENT No. 3—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Blowers' apprentices	313	$1.40	2	387	194	$542	$271	1.24	$438
	313	1.78	4	550	138	979	245	1.76	557
	313	2.00	4	55	14	110	28	0.18	626
	313	2.34½	7	418	60	981	140	1.34	735
Total	313	1.85	17	1,410	83	2,612	154	4.52	580
Carriers-in	313	.53½	26	3,768	145	2,025	78	12.04	168
Engineers	313	1.75	3	435	145	754	251	1.39	543
Engineer, chief	313	3.00	1	227	227	674	674	0.73	929
Foreman	313	1.83½	1	216	216	396	396	0.69	574
Knockers-off	313	.54½	18	2,663	148	1,446	80	8.51	170
Laborers	313	1.50	13	1,716	132	2,570	198	5.48	469
Leersman	313	1.50	1	216	216	324	324	0.69	470
Mixer	313	1.75	1	268	268	482	482	0.86	563
Mixer's helpers	313	1.50	2	427	214	640	320	1.36	469
Mould boys	313	.55	15	2,231	149	1,229	82	7.13	172
Packers	313	1.50	3	688	229	1,031	344	2.20	469
	313	1.66½	2	443	222	736	368	1.42	520
	313	2.00	1	228	228	451	451	0.73	619
Total	313	1.63	6	1,359	227	2,218	370	4.35	511
Shipping clerk	313	1.86	1	300	300	558	558	0.96	582
Snappers-up	313	.53½	18	2,529	141	1,356	75	8.08	168
Teamster	313	2.50	1	313	313	783	783	1.00	783
Watchman	365	1.43	1	365	365	522	522	1.00	522
The establishment		1.75	199	24,026	121	a 41,995	211	76.64	548

ESTABLISHMENT No. 5.

Blacksmith	313	$3.00	1	274	274	$822	$822	0.88	$939
Blacksmith's helper	313	1.50	1	272	272	406	406	0.87	467
Blowers	313	3.70	3	10	3	37	12	0.03	1,158
	313	3.91⅓	4	60	15	235	59	0.19	1,226
	313	4.26	4	73	18	311	78	0.23	1,333
	313	4.45	14	308	22	1,370	98	0.98	1,392
	313	4.69½	17	814	48	3,823	225	2.60	1,470
	313	4.97	22	3,469	158	17,244	784	11.08	1,556
	313	5.09⅓	7	868	124	4,421	632	2.77	1,594
	313	5.48	3	550	183	3,014	1,005	1.76	1,715
	313	5.67	3	300	100	1,701	567	0.96	1,775
	313	5.81⅓	1	267	267	1,552	1,552	0.85	1,819
	313	6.33⅓	1	6	6	38	38	0.02	1,982
	313	9.63	2	275	138	2,648	1,324	0.88	3,014
Total	313	5.20	81	7,000	86	36,394	449	22.35	1,627
Blowers' apprentices	313	2.50	3	458	153	1,144	381	1.46	782
	313	2.88	2	34	17	98	49	0.11	902
	313	2.98⅓	1	60	60	179	179	0.19	934
Total	313	2.57½	6	552	92	1,421	237	1.76	806
Carriers-in	313	.50	26	1,489	57	747	29	4.76	157
	313	.75	1	229	229	171	171	0.73	234
	313	1.00	7	964	138	964	138	3.08	313
Total	313	.70	34	2,682	79	1,882	55	8.57	220

a The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

R.—Flint Glass Bottles: UNITED STATES—Continued.

ESTABLISHMENT No. 5—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Carriers-over	313	$0.40	38	2,157	57	$871	$23	6.89	$126
Cleaners-off	313	.60	13	1,816	140	1,090	84	5.80	188
Laborers	313	1.25	12	1,426	119	1,780	148	4.56	391
Leersmen	313	1.00	1	251	251	251	251	0.80	313
	313	1.25	3	696	232	870	290	2.22	391
Total	313	1.18½	4	947	237	1,121	280	3.02	371
Leersmen's helpers	313	.45	2	174	87	79	40	0.56	142
Mixers	313	1.33⅓	3	782	261	1,042	347	2.50	417
	313	1.50	1	339	339	516	516	1.08	476
Total	313	1.39	4	1,121	280	1,558	390	3.58	435
Mould boys	313	.60	36	3,904	108	2,342	65	12.47	188
Mould cleaners	313	1.50	2	514	257	771	386	1.64	470
Packers	313	.70	1	264	264	185	185	0.84	219
	313	1.00	1	269	269	269	269	0.86	313
	313	1.16⅔	1	252	252	290	290	0.81	360
	313	1.33⅓	1	275	275	359	359	0.88	409
	313	2.33½	2	509	255	1,170	585	1.63	719
Total	313	1.45	6	1,569	262	2,273	379	5.02	453
Packer, boss	313	2.66⅔	1	266	266	710	710	0.85	835
Shipping clerks	313	1.25	1	61	61	76	76	0.19	390
	313	1.33⅓	1	185	185	246	246	0.59	416
Total	313	1.31	2	246	123	322	161	0.78	410
Snappers-up	313	.45	30	2,306	77	1,037	35	7.37	141
Watchmen	365	1.25	1	90	90	113	113	0.25	458
	365	1.71½	1	166	166	284	284	0.45	624
Total	365	1.55	2	256	128	397	199	0.70	566
Water boys	313	.50	1	46	46	23	23	0.15	157
	313	.60	1	19	19	12	12	0.06	198
	313	.70	1	40	40	28	28	0.13	219
Total	313	.60	3	105	35	63	21	0.34	188
The establishment		2.00½	278	27,587	99	55,339	199	88.01	629

ESTABLISHMENT No. 6.

Blacksmiths	313	$1.75	1	28	28	$48	$48	0.09	$537
	313	2.50	2	201	101	502	251	0.64	782
Total	313	2.40	3	229	76	550	183	0.73	752
Blacksmiths' helpers	313	1.10	4	305	76	330	83	0.97	339
Blowers	313	3.79	6	199	33	754	126	0.64	1,186
	313	4.04½	12	599	50	2,423	202	1.91	1,266
	313	4.36	12	941	78	4,102	342	3.01	1,364
	313	4.56	7	1,060	151	4,833	690	3.39	1,427
	313	4.71½	7	669	96	3,156	451	2.14	1,477
Total	313	4.40½	44	3,468	79	15,268	347	11.09	1,378

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

R.—Flint Glass Bottles: UNITED STATES—Continued.

ESTABLISHMENT No. 6—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Boxmakers	313	$0.40	2	74	37	$29	$15	0.24	$123
	313	.50	1	120	120	60	60	0.38	157
	313	.55	1	206	206	113	113	0.66	172
	313	.75	1	90	90	67	67	0.29	233
	313	1.10	2	47	24	51	26	0.15	340
Total	313	.59½	7	537	77	320	46	1.72	187
Carpenters	313	1.25	2	39	20	49	25	0.12	393
	313	1.50	1	10	10	15	15	0.03	470
	313	1.75	1	267	267	466	466	0.85	546
Total	313	1.67½	4	316	79	530	133	1.00	525
Carriers in	313	.40	25	1,507	60	606	24	4.81	126
Carriers over	313	.40	19	937	49	382	20	2.99	128
Cleaners off	313	.60	18	1,274	71	758	42	4.07	186
Laborers	313	1.10	11	385	35	430	39	1.23	350
Leersmen	313	1.33⅓	2	425	213	566	283	1.36	417
Leersmen's helpers	313	.50	2	143	72	71	36	0.46	155
Mixers	313	1.25	4	320	80	398	100	1.02	389
	313	1.33½	2	133	67	181	91	0.42	426
Total	313	1.28	6	453	76	579	97	1.44	400
Mould boys	313	.55	17	1,385	81	739	43	4.42	167
Mould cleaner	313	.89	1	202	202	180	180	0.65	279
Packers	313	1.10	1	51	51	56	56	0.16	344
	313	1.25	1	24	24	30	30	0.08	391
	313	1.33½	2	436	218	576	288	1.39	414
	313	1.50	1	197	197	296	296	0.63	470
Total	313	1.35½	5	708	142	958	192	2.26	424
Snappers-up	313	.40	21	981	47	407	19	3.13	130
Teasers	365	1.50½	4	466	117	701	175	1.28	549
	365	1.75	2	296	148	518	259	0.81	639
Total	365	1.60	6	762	127	1,219	203	2.09	584
Watchman	365	1.43	1	255	255	360	360	0.70	515
The establishment		1.70	196	14,272	73	24,253	124	45.12	538

ESTABLISHMENT No. 11.

Blacksmith	313	$2.80	1	268	268	$748	$748	0.86	$874
Blowers	313	2.86	5	222	44	635	127	0.71	895
	313	2.95⅓	2	23	12	68	34	0.07	925
	313	3.36	3	36	12	121	40	0.12	1,052
	313	3.56½	5	300	60	1,069	214	0.96	1,115
	313	3.74	11	745	68	2,786	253	2.38	1,170
	313	4.01	9	605	67	2,425	269	1.93	1,255
	313	4.24	10	680	68	2,882	288	2.17	1,327
	313	4.50	9	1,007	112	4,529	503	3.22	1,408
	313	4.76	3	668	223	3,181	1,060	2.13	1,490
	313	4.98⅓	9	1,592	177	7,938	882	5.09	1,561
	313	5.18	3	332	111	1,719	573	1.06	1,621
	313	5.62	2	473	237	2,658	1,329	1.51	1,759
	313	5.97	1	218	218	1,302	1,302	0.70	1,869
Total	313	4.53½	72	6,901	96	31,313	435	22.05	1,420

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

R.—Flint Glass Bottles: UNITED STATES—Concluded.

ESTABLISHMENT No. 11—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Blowers' apprentices	313	$1.41½	3	605	202	$856	$285	1.93	$443
	313	1.80	2	472	236	850	425	1.51	564
Total	313	1.58½	5	1,077	215	1,706	341	3.44	496
Coal wheeler	313	1.67½	1	138	138	231	231	0.44	524
Engraver and grinder	313	3.00	1	264	264	792	792	0.84	939
Gatherer	313	1.29½	1	112	112	145	145	0.36	405
Grinder	313	2.32½	1	229	229	532	532	0.73	727
Laborers	313	.79	3	274	91	217	72	0.88	248
	313	1.00	1	3	3	3	3	0.01	313
	313	1.28	2	18	9	23	12	0.06	400
	313	1.69	3	170	57	287	96	0.54	528
	313	1.92	1	183	183	351	351	0.58	600
Total	313	1.36	10	648	65	881	88	2.07	426
Leersman	313	1.95	1	235	235	455	455	0.75	606
Mixers	313	1.69½	5	390	78	662	132	1.25	531
	313	2.03½	1	261	261	531	531	0.83	637
Total	313	1.80½	6	651	109	1,193	199	2.08	574
Packers	313	.70	5	227	45	159	32	0.73	219
	313	1.20	2	359	180	431	216	1.15	376
	313	1.76½	2	482	241	821	411	1.54	533
Total	313	1.32	9	1,068	119	1,411	157	3.42	414
Packer, boss	313	2.25	1	270	270	607	607	0.86	704
Teasers	365	2.00	4	431	108	863	216	1.18	731
Washers	313	.60	1	29	29	18	18	0.09	194
	313	.66½	5	644	129	436	87	2.06	212
	313	.75	1	48	48	36	36	0.15	235
Total	313	.68	7	721	103	490	70	2.30	213
Watchmen	365	1.43	2	130	65	186	93	0.36	522
	365	1.46½	1	74	74	108	108	0.20	533
	365	1.85½	2	159	80	295	148	0.44	677
Total	365	1.62½	5	363	73	589	118	1.00	592
The establishment		3.13½	125	13,376	107	*a* 41,956	336	42.38	990

S.—Lamp Chimneys: UNITED STATES.

ESTABLISHMENT No. 1.

Blowers	286	$2.80	19	2,535	133	$7,106	$374	8.86	$802
	285	3.35	1	206	206	690	690	0.72	958
	286	3.98	1	197	197	784	784	0.69	1,138
	286	4.25	3	567	189	2,409	803	1.98	1,215
Total	286	3.13½	24	3,505	146	10,989	458	12.25	897

a The earnings here shown, though for only a part of the employés, are thought to be fairly representative.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

S.—Lamp Chimneys: UNITED STATES—Continued.

ESTABLISHMENT No. 1—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Carriers-in	286	$0.70	26	1,445	56	$1,024	$39	5.05	$203
Clay trampers	313	1.50	2	239	120	361	181	0.76	473
Cutters	313	3.26	2	218	109	711	356	0.70	1,021
Engineer	313	2.27½	1	296	296	674	674	0.95	713
Fillers	313	.58⅓	5	676	135	389	78	2.16	180
Foreman, yard	313	3.00	1	306	306	918	918	0.98	939
Gaffers	286	4.00	16	2,777	174	11,128	696	9.71	1,146
Gatherers	286	1.75	20	2,514	126	4,389	219	8.79	499
Knockers-off	286	.70	24	1,455	61	1,023	43	5.09	201
	286	.82	3	541	180	442	147	1.89	234
Total	286	.73⅓	27	1,996	74	1,465	54	6.98	210
Laborer	313	1.66⅔	1	9	9	15	15	0.03	522
Leersman	313	3.00	1	306	306	918	918	0.98	939
Leersman's helpers	313	1.00	3	553	184	553	184	1.77	313
Mixers	313	1.66⅔	3	595	198	999	333	1.90	526
Mould boys	286	.89	3	609	203	541	180	2.13	254
Packers	313	1.66⅔	5	1,039	208	1,734	347	3.32	522
	313	1.83⅓	1	135	135	248	248	0.43	575
	313	2.00	1	128	128	255	255	0.41	624
Total	313	1.72	7	1,302	186	2,237	320	4.16	538
Potmaker	313	2.50	1	312	312	780	780	1.00	783
Roughers	313	3.99	2	269	135	1,073	537	0.86	1,249
Stickers-up	286	1.00	18	2,753	153	2,713	151	9.63	282
	286	1.75	1	175	175	306	306	0.61	500
Total	286	1.03	19	2,928	154	3,019	159	10.24	295
Teamster	313	3.00	1	300	300	900	900	0.96	939
Teasers	365	2.28⅓	2	671	336	1,520	760	1.84	827
Washers	313	.50	16	238	15	119	7	0.76	157
Watchmen	365	1.50	2	330	165	495	248	0.90	548
Wrappers	313	.66⅔	3	268	89	179	60	0.86	209
	313	1.33⅓	1	277	277	369	369	0.88	417
Total	313	1.00½	4	545	136	548	137	1.74	315
The establishment		1.99½	189	22,939	121	45,765	242	77.60	590

ESTABLISHMENT No. 2.

Blacksmith	313	$1.50	1	270	270	$405	$405	0.86	$470
Blowers	286	2.80	20	2,788	139	7,829	391	9.75	803
	286	4.20	7	933	133	3,922	560	3.26	1,202
Total	286	3.16	27	3,721	138	11,751	435	13.01	903
Carriers-in	286	.72½	5	333	67	240	48	1.16	206
Cutter and engraver	313	3.33	1	240	240	799	799	0.77	1,042
Cutter's helper	313	1.66⅔	1	240	240	400	400	0.77	522
Engineers	313	2.00	2	200	100	400	200	0.64	626
Gaffers	286	4.00	16	2,825	177	11,302	706	9.88	1,144
Gatherers	286	1.75	25	2,776	111	4,840	194	9.71	499
Grinder	313	2.83⅓	1	190	190	539	539	0.61	888
Grinder's helper	313	.33⅓	1	190	190	64	64	0.61	105

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

S.—Lamp Chimneys: UNITED STATES—Continued.

ESTABLISHMENT No. 2—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Knockers-off	286	$0.75	34	2,852	84	$2,134	$63	9.97	$214
	286	.85	2	226	113	194	97	0.79	246
	286	.94½	3	359	120	339	113	1.26	270
Total	286	.77½	39	3,437	88	2,667	68	12.02	222
Laborers	313	1.00	3	263	88	266	89	0.84	317
Leersman	313	1.66½	1	285	285	472	472	0.91	518
Leersman's helper	313	1.25	1	73	73	91	91	0.23	390
Mixers	313	1.50	2	239	120	359	180	0.76	470
	313	1.66½	3	133	44	217	72	0.42	511
Total	313	1.55	5	372	74	576	115	1.18	485
Mould holders	286	.94½	4	463	116	430	108	1.62	266
Packers	313	1.00	1	10	10	10	10	0.03	313
	313	1.50	5	902	180	1,358	272	2.88	471
	313	2.00	2	568	284	1,130	565	1.81	623
Total	313	1.69	8	1,480	185	2,498	312	4.72	528
Potmaker	313	2.50	1	270	270	675	675	0.86	783
Stickers-up	286	1.00	27	2,932	109	2,921	108	10.25	285
Teamster	313	2.00	1	256	256	511	511	0.82	625
Teasers	313	2.55⅓	3	586	195	1,498	499	1.87	800
Washers	313	.83⅓	4	598	150	497	124	1.91	260
Watchmen	313	1.50	2	20	10	30	15	0.06	470
	313	1.66½	1	130	130	214	214	0.42	515
Total	313	1.62½	3	150	50	244	81	0.48	509
Wrapper	313	1.16⅔	1	143	143	166	166	0.46	363
The establishment	.....	1.98½	181	22,293	123	a 44,252	244	76.19	581

ESTABLISHMENT No. 4.

Blacksmiths	313	$2.50	1	67	67	$168	$168	0.21	$785
	313	2.66½	1	177	177	471	471	0.57	833
Total	313	2.62	2	244	122	639	320	0.78	820
Blowers	286	3.49½	3	255	85	891	297	0.89	999
	286	3.83	25	3,473	139	13,294	532	12.14	1,095
	286	4.00	28	3,000	107	11,997	428	10.49	1,144
	286	4.31½	2	54	27	233	117	0.19	1,234
	286	5.55⅓	1	177	177	983	983	0.62	1,588
Total	286	3.93½	59	6,959	118	27,398	464	24.33	1,126
Blower, boss	313	4.28½	1	228	228	977	977	0.73	1,341
Blower and gatherer	286	3.12½	1	142	142	444	444	0.50	894
Boxmaker	313	2.83⅓	1	209	209	592	592	0.67	887
Finishers	286	.97½	94	6,787	72	6,616	70	23.73	279
Finishers and gatherers	286	1.49⅓	2	270	135	404	202	0.94	428
Gatherers	286	1.94½	12	991	83	1,928	161	3.47	556
	286	2.07½	70	5,752	82	11,944	171	20.11	594

a The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

S.—Lamp Chimneys: UNITED STATES—Continued.

ESTABLISHMENT No. 4—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Gatherers—concluded	286	$2.28⅓	2	14	7	$32	$16	0.05	$654
	286	2.77½	1	179	179	497	497	0.63	794
Total	286	2.07½	85	6,936	82	14,401	169	24.26	594
Laborers	313	.41⅓	2	407	204	174	87	1.30	134
	313	.55	4	225	56	120	30	0.72	167
	313	.66⅔	4	331	83	221	55	1.06	209
	313	.75	4	349	87	261	65	1.12	234
	313	.83⅓	3	69	23	57	19	0.22	259
	313	1.06⅔	8	276	35	294	37	0.88	333
	313	1.25	1	4	4	5	5	0.01	391
	313	1.60	2	15	8	24	12	0.05	501
Total	313	.69	28	1,676	60	1,156	41	5.36	216
Leersmen	313	1.66⅔	4	365	91	609	152	1.17	522
Leersman and watchman	365	1.66⅔	1	225	225	374	374	0.62	607
Mixer	313	2.16⅔	1	171	171	375	375	0.55	686
Mixer's helper	313	1.83⅓	1	198	198	363	363	0.63	574
Packers	313	2.56	3	313	104	802	267	1.00	802
	313	2.95½	2	292	146	863	432	0.93	925
	313	3.12	1	141	141	440	440	0.45	977
Total	313	2.82	6	746	124	2,105	351	2.38	883
Sorter	313	2.26⅔	1	240	240	543	543	0.77	708
Sorter's helpers	313	1.57	4	388	97	610	153	1.24	492
Teamsters	313	1.38½	1	13	13	18	18	0.04	433
	313	1.68	2	59	30	99	50	0.19	525
	313	1.95⅓	2	361	181	706	353	1.15	612
Total	313	1.90	5	433	87	823	165	1.38	595
Watchmen	365	1.83⅓	2	203	102	373	187	0.56	671
	365	2.14½	2	320	160	686	343	0.88	782
Total	365	2.02½	4	523	131	1,059	265	1.44	739
The establishment		2.22½	300	26,740	89	59,488	198	91.48	650

ESTABLISHMENT No. 5.

Blacksmith	313	$2.50	1	298	298	$745	$745	0.95	$783
Blowers	313	2.22	1	32	32	71	71	0.10	694
	313	2.57	4	42	11	108	27	0.13	805
	313	2.86	6	475	79	1,359	227	1.52	896
	313	3.12	25	4,185	167	13,058	522	13.37	977
	313	3.31	10	1,618	162	5,355	536	5.17	1,036
	313	3.59	14	3,182	227	11,422	816	10.17	1,124
	313	3.86½	3	692	231	2,674	891	2.21	1,209
	313	4.01⅔	3	355	118	1,425	475	1.13	1,256
Total	313	3.35	66	10,581	160	35,472	537	33.80	1,049
Box nailers	313	.75	7	1,335	191	1,001	143	4.27	235
Carpenter	313	2.50	1	82	82	204	204	0.26	779
Carriers-in	313	.63	28	1,048	37	659	24	3.35	197
Chippers	313	.83⅓	2	461	231	385	193	1.47	261
Cleaners-off	313	1.25⅓	6	718	120	900	150	2.29	392
Cutters-off	313	1.25⅓	6	314	52	394	66	1.00	393

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Continued.

S.—Lamp Chimneys: UNITED STATES—Continued.

ESTABLISHMENT No. 5—Continued.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Finishers	313	$0.85½	95	6,704	71	$5,722	$60	21.42	$267
	313	.94	27	2,374	88	2,233	83	7.58	294
Total	313	.87½	122	9,078	74	7,955	65	29.00	274
Gatherers	313	1.32½	5	46	9	61	12	0.15	415
	313	1.65	16	191	12	315	20	0.61	516
	313	1.87	57	3,538	62	6,616	116	11.30	585
	313	2.09⅜	61	5,332	87	11,170	183	17.04	656
	313	2.27½	14	1,210	86	2,750	196	3.87	711
	313	2.62½	6	300	50	792	132	0.96	821
	313	2.80	2	20	10	56	28	0.06	876
Total	313	2.04½	161	10,639	66	21,760	135	33.99	640
Grinder	313	3.66⅔	1	264	264	968	968	0.84	1,148
Grinder's helpers	313	.66⅔	4	1,188	297	793	198	3.80	209
Laborers	313	1.33⅓	2	65	33	87	44	0.21	419
	313	1.50	15	555	37	834	56	1.77	470
	313	1.66⅔	1	196	196	321	321	0.63	513
Total	313	1.52	18	816	45	1,242	69	2.61	476
Lead burners	313	2.50	2	522	261	1,304	652	1.67	782
Leersmen	313	2.00	2	298	149	595	298	0.95	625
Mixer	313	3.33⅓	1	312	312	1,040	1,040	1.00	1,043
Mixer's helper	313	1.66⅔	1	273	273	455	455	0.87	522
Mould boys	313	.81⅓	13	623	48	507	39	1.99	255
Packers	313	1.83	3	334	111	612	204	1.07	574
	313	3.01	2	522	261	1,572	786	1.67	943
Total	313	2.55	5	856	171	2,184	437	2.74	799
Shipping clerks	313	1.66⅔	1	293	293	488	488	0.94	521
	313	2.88⅓	1	312	312	900	900	1.00	903
Total	313	2.29⅓	2	605	303	1,388	694	1.94	718
Sorters	313	1.66⅔	1	252	252	420	420	0.81	522
	313	2.50	1	264	264	660	660	0.84	783
Total	313	2.09⅔	2	516	258	1,080	540	1.65	655
Sorters' helpers	313	.58⅓	14	462	33	270	19	1.48	183
	313	1.00	3	565	188	565	188	1.81	313
Total	313	.81⅓	17	1,027	60	835	49	3.29	254
Teasers	365	1.71⅔	2	594	297	1,017	509	1.63	625
	365	2.08⅓	1	335	335	699	699	0.92	762
Total	365	1.84½	3	929	310	1,716	572	2.55	674
Watchmen	365	1.71⅓	1	41	41	71	71	0.11	632
	365	2.14⅓	1	42	42	90	90	0.12	782
Total	365	1.94	2	83	42	161	81	0.23	708
Wrappers	313	.58⅓	1	28	28	16	16	0.09	179
	313	.66⅔	6	1,471	245	979	163	4.70	208
	313	.83⅓	4	313	78	261	65	1.00	261
Total	313	.69⅔	11	1,812	165	1,256	114	5.79	217

TABLE XI.—ACTUAL AND THEORETICAL TIME AND EARNINGS—Concluded.

S.—Lamp Chimneys: UNITED STATES—Concluded.

ESTABLISHMENT No. 5—Concluded.

Occupation.	Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
			Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
				Total.	Average.	Total.	Average.		
Wrapper, boss	313	$1.25½	1	246	246	$309	$309	0.79	$393
The establishment	-------	1.90	485	44,924	93	a 85,308	176	143.09	596

ESTABLISHMENT No. —.

[No statement of cost of production for this establishment is shown in Table X.]

Blacksmiths	313	$2.00	2	75	38	$149	$75	0.24	$622
Blacksmith and engineer	313	2.10½	1	194	194	408	408	0.62	658
Blowers	313	3.50	62	7,896	127	27,636	446	25.23	1,096
Blower and gatherer	313	2.56⅓	1	220	220	564	564	0.70	802
Box nailers	313	.56½	2	48	24	27	14	0.15	176
Carpenters	313	1.75	3	74	25	129	43	0.24	546
Engravers	313	3.00	2	92	46	276	138	0.29	939
Finishers	313	.75	101	8,964	89	6,723	67	28.64	235
Foremen	313	4.26½	3	616	205	2,614	871	1.97	1,328
Furnaceman	313	1.96	1	307	307	601	601	0.98	613
Gatherers	313	1.75	93	8,364	90	14,636	157	26.72	548
Laborers	313	1.00	2	5	3	5	3	0.02	313
	313	1.25	7	91	13	115	16	0.29	396
	313	1.40	2	47	24	67	34	0.15	446
	313	1.50	5	209	42	313	63	0.67	469
Total	313	1.42	16	352	22	500	31	1.13	445
Leersmen	313	1.17⅓	1	17	17	20	20	0.05	368
	313	1.33½	2	328	164	438	219	1.05	418
	313	1.50	1	281	281	425	425	0.90	473
Total	313	1.41	4	626	157	883	221	2.00	442
Machinist	313	2.33⅓	1	6	6	14	14	0.02	730
Mixers	313	1.88½	2	396	198	747	374	1.27	590
Packers	313	(b)	18	(b)	(b)	2,888	160	(b)	(b)
Shipper	313	2.24	1	185	185	414	414	0.59	700
Shipper's helper	313	1.37	1	256	256	351	351	0.82	429
Shipping clerk	313	1.50	1	140	140	210	210	0.45	470
Sorter	313	2.16⅔	1	80	80	173	173	0.26	677
Sorter's helpers	313	.72	4	204	51	147	37	0.65	226
	313	1.12½	4	89	22	100	25	0.28	352
Total	313	.84⅛	8	293	37	247	31	0.93	264
Wrappers	313	.52½	18	700	39	367	20	2.24	164
The establishment	-------	(c)	342	(c)	(c)	a 60,557	177	(c)	(c)

a The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.
b Paid by the quantity. The daily rate of pay and days of work done cannot be given.
c No total can be made for the reason shown in the preceding footnote.

SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS.

[In the following table each line will show the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presentation, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS.

A.—COTTON, WOOLLEN, LINEN, AND SILK.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
1	1	Back boys	Cotton textiles	Northern district, U. S.
2	3	do	Cotton textiles	Northern district, U. S.
3	4	do	Cotton textiles	Northern district, U. S.
4	15	do	Cotton textiles	Northern district, U. S.
5	19	do	Cotton textiles	Northern district, U. S.
6	20	do	Cotton textiles	Northern district, U. S.
7	22	do	Cotton textiles	Northern district, U. S.
8	26	do	Cotton textiles	Northern district, U. S.
9	36	do	Cotton textiles	Northern district, U. S.
10	37	do	Cotton textiles	Northern district, U. S.
11	88	do	Cotton textiles	Northern district, U. S.
12		do	Cotton textiles	Northern district, U. S.
13	60	do	Cotton textiles	Southern district, U. S.
14	92	do	Cotton textiles	Continent of Europe.
15		do	Cotton textiles	Continent of Europe.
16	11	do	Cotton yarns	Southern district, U. S.
17	16	do	Cotton yarns	Continent of Europe.
18	17	do	Cotton yarns	Continent of Europe.
19	18	do	Cotton yarns	Continent of Europe.
20	28	do	Cotton yarns	Great Britain.
21	42	do	Woollen and worsted textiles.	Continent of Europe.
22	91	Back boys and doffers	Cotton textiles	Continent of Europe.
23	88	Back tenders	Cotton textiles	Northern district, U. S.
24	46	do	Cotton textiles	Southern district, U. S.
25	60	do	Cotton textiles	Southern district, U. S.
26	22	do	Cotton yarns	Great Britain.
27	24	do	Cotton yarns	Great Britain.
28	25	do	Cotton yarns	Great Britain.
29	26	do	Cotton yarns	Great Britain.
30	10	Balers	Cotton textiles	Northern district, U. S.
31	13	do	Cotton textiles	Northern district, U. S.
32	15	do	Cotton textiles	Northern district, U. S.
33	19	do	Cotton textiles	Northern district, U. S.
34	22	do	Cotton textiles	Northern district, U. S.
35	26	do	Cotton textiles	Northern district, U. S.
36	28	do	Cotton textiles	Northern district, U. S.
37		do	Cotton textiles	Northern district, U. S.
38	42	do	Cotton textiles	Southern district, U. S.
39	44	do	Cotton textiles	Southern district, U. S.
40	47	do	Cotton textiles	Southern district, U. S.
41	49	do	Cotton textiles	Southern district, U. S.
42	57	do	Cotton textiles	Southern district, U. S.
43	62	do	Cotton textiles	Southern district, U. S.
44	64	do	Cotton textiles	Southern district, U. S.
45	67	do	Cotton textiles	Southern district, U. S.
46	70	do	Cotton textiles	Southern district, U. S.
47	10	do	Cotton yarns	Southern district, U. S.
48	11	do	Cotton yarns	Southern district, U. S.
49	11	Band boys	Cotton textiles	Northern district, U. S.
50	22	do	Cotton textiles	Northern district, U. S.
51	37	do	Cotton textiles	Northern district, U. S.
52	38	do	Cotton textiles	Northern district, U. S.
53		do	Cotton textiles	Southern district, U. S.
54	49	do	Cotton textiles	Southern district, U. S.
55	59	do	Cotton textiles	Southern district, U. S.
56	64	do	Cotton textiles	Southern district, U. S.
57		do	Cotton textiles	Southern district, U. S.
58	1	do	Cotton yarns	Northern district, U. S.
59		do	Cotton yarns	Northern district, U. S.
60	9	do	Cotton yarns	Southern district, U. S.
61		do	Woollen and worsted textiles.	United States.
62	37	Band boy and roving carrier	Cotton textiles	Northern district, U. S.
63	12	Band fixers	Cotton textiles	Northern district, U. S.
64	15	do	Cotton textiles	Northern district, U. S.
65	17	do	Cotton textiles	Northern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS.

A.—COTTON, WOOLLEN, LINEN, AND SILK.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$0.46	14	1,350	96	$622	$44	8.65	$72	1
156	.38	29	1,404	48	531	18	9.00	59	2
156	.36½	36	3,169	88	1,157	32	20.31	57	3
156	.80	34	2,926	86	2,343	69	18.76	125	4
156	.61½	40	2,998	75	1,845	46	19.22	96	5
24	.55½	26	490	19	271	10	20.43	13	6
313	.61½	284	20,726	73	12,775	45	66.21	193	7
156	.46	28	2,061	74	943	34	13.21	71	8
313	.46	40	2,651	66	1,227	31	8.47	145	9
313	.46½	31	4,292	138	1,999	64	13.71	146	10
156	.50½	27	1,465	54	741	27	9.39	79	11
156	.50	29	1,228	42	594	20	7.87	75	12
313	.35	14	3,508	251	1,227	88	11.20	109	13
72	.34	27	1,931	72	657	24	26.82	24	14
313	.32½	152	30,070	198	9,789	64	96.07	102	15
313	.36	4	1,185	296	424	106	3.79	112	16
72	.16	8	569	71	90	11	7.90	11	17
72	.26	12	611	51	158	13	8.49	19	18
78	.27	39	3,042	78	823	21	39.00	21	19
156	.20½	20	1,505	75	305	15	9.65	32	20
313	.17½	7	1,521	217	265	38	4.86	55	21
156	.35	84	8,706	104	3,048	36	55.81	55	22
156	.76	4	347	87	263	66	2.22	118	23
312	.68	8	1,055	132	716	90	3.39	212	24
313	.39	28	3,675	131	1,425	51	11.74	121	25
156	(a)	13	(a)	(a)	602	46	(a)	(a)	26
6	.37½	16	96	6	36	2	16.00	2	27
6	.37½	8	48	6	18	2	8.00	2	28
6	.36½	12	71	6	26	2	11.83	2	29
156	1.25	1	100	100	124	124	0.64	193	30
156	1.23	1	144	144	177	177	0.92	192	31
156	1.22	2	314	157	383	192	2.02	190	32
156	1.22	2	306	153	374	187	1.96	191	33
313	1.07	38	2,851	75	3,051	80	9.10	335	34
156	1.15	1	154	154	177	177	0.99	179	35
156	1.40	8	801	100	1,122	140	5.14	219	36
156	1.15	1	152	152	175	175	0.97	180	37
313	.76	1	176	176	133	133	0.56	237	38
156	1.50	1	153	153	230	230	0.98	235	39
294	1.14½	4	697	174	797	199	2.37	336	40
156	1.75	5	212	42	370	74	1.36	272	41
313	.75	2	132	66	100	50	0.42	237	42
313	.65	1	227	227	148	148	0.73	204	43
313	.80	1	236	236	193	193	0.75	256	44
313	1.00	2	288	144	287	144	0.92	312	45
313	1.11½	1	292	292	326	326	0.93	349	46
156	.84½	3	261	87	221	74	1.68	132	47
313	.65	1	309	309	201	201	0.99	204	48
313	.50	1	266	266	133	133	0.85	157	49
313	.68½	2	258	129	177	89	0.82	215	50
313	.46	1	59	59	27	27	0.19	143	51
313	.81½	1	307	307	249	249	0.98	254	52
156	.90½	5	357	71	323	65	2.30	141	53
156	.62½	5	425	85	266	53	2.72	98	54
156	.70	1	154	154	108	108	0.99	109	55
313	.35	2	286	143	100	50	0.91	109	56
313	.38	8	1,038	130	394	49	3.31	119	57
78	.60	1	77	77	46	46	0.99	47	58
156	.79½	5	355	71	282	56	2.27	124	59
313	.33	3	79	26	26	9	0.26	103	60
156	.50	2	292	146	146	73	1.87	78	61
313	.64	1	261	261	167	167	0.83	200	62
313	1.25	1	269	269	336	336	0.86	391	63
156	.67½	3	329	110	222	74	2.10	105	64
313	1.03	10	1,439	144	1,484	148	4.60	323	65

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
66	19	Band fixers—concluded	Cotton textiles	Northern district, U. S.
67	22	....do	Cotton textiles	Northern district, U. S.
68	28	....do	Cotton textiles	Northern district, U. S.
69	85	....do	Cotton textiles	Northern district, U. S.
70	51	....do	Cotton textiles	Southern district, U. S.
71	60	....do	Cotton textiles	Southern district, U. S.
72	64	....do	Cotton textiles	Southern district, U. S.
73	67	....do	Cotton textiles	Southern district, U. S.
74	70	....do	Cotton textiles	Southern district, U. S.
75	22	....do	Cotton yarns	Great Britain
76		....do	Linen yarns	Continent of Europe
77		Beam hands	Cotton textiles	Northern district, U. S.
78	50	....do	Cotton textiles	Southern district, U. S.
79	57	....do	Cotton textiles	Southern district, U. S.
80	60	....do	Cotton textiles	Southern district, U. S.
81	71	....do	Cotton textiles	Continent of Europe
82	10	Beamers	Cotton textiles	Northern district, U. S.
83	12	....do	Cotton textiles	Northern district, U. S.
84	13	....do	Cotton textiles	Northern district, U. S.
85	37	....do	Cotton textiles	Northern district, U. S.
86	38	....do	Cotton textiles	Northern district, U. S.
87	82	....do	Cotton textiles	Northern district, U. S.
88	85	....do	Cotton textiles	Northern district, U. S.
89	47	....do	Cotton textiles	Southern district, U. S.
90	57	....do	Cotton textiles	Southern district, U. S.
91	59	....do	Cotton textiles	Southern district, U. S.
92	64	....do	Cotton textiles	Southern district, U. S.
93	67	....do	Cotton textiles	Southern district, U. S.
94		....do	Cotton textiles	Southern district, U. S.
95	37	....do	Woollen and worsted textiles	United States
96	1	Blacksmiths	Cotton textiles	Northern district, U. S.
97	4	....do	Cotton textiles	Northern district, U. S.
98	10	....do	Cotton textiles	Northern district, U. S.
99	12	....do	Cotton textiles	Northern district, U. S.
100	19	....do	Cotton textiles	Northern district, U. S.
101	22	....do	Cotton textiles	Northern district, U. S.
102	37	....do	Cotton textiles	Northern district, U. S.
103	47	....do	Cotton textiles	Southern district, U. S.
104	60	....do	Cotton textiles	Southern district, U. S.
105	62	....do	Cotton textiles	Southern district, U. S.
106	64	....do	Cotton textiles	Southern district, U. S.
107		....do	Cotton textiles	Southern district, U. S.
108	71	....do	Cotton textiles	Continent of Europe
109	91	....do	Cotton textiles	Continent of Europe
110		....do	Cotton textiles	Continent of Europe
111	75	....do	Cotton textiles	Great Britain
112	18	....do	Cotton yarns	Continent of Europe
113	21	....do	Woollen and worsted textiles	United States
114	40	....do	Woollen and worsted textiles	United States
115		....do	Woollen and worsted textiles	United States
116	42	....do	Woollen and worsted textiles	Continent of Europe
117		....do	Linen yarns	Continent of Europe
118	16	Blacksmith and engineer	Woollen and worsted textiles	United States
119	62	Blacksmiths' helpers	Cotton textiles	Southern district, U. S.
120	75	....do	Cotton textiles	Great Britain
121	42	....do	Woollen and worsted textiles	Continent of Europe
122		....do	Linen yarns	Continent of Europe
123	38	Bleacher	Cotton textiles	Northern district, U. S.
124	10	Bobbin boys	Cotton textiles	Northern district, U. S.
125	12	....do	Cotton textiles	Northern district, U. S.
126	15	....do	Cotton textiles	Northern district, U. S.
127	20	....do	Cotton textiles	Northern district, U. S.
128	22	....do	Cotton textiles	Northern district, U. S.
129	37	....do	Cotton textiles	Northern district, U. S.
130	38	....do	Cotton textiles	Northern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion. Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$0.84½	8	551	69	$465	$58	3.52	$132	66
313	1.66½	7	1,105	158	1,839	263	3.53	521	67
156	2.10	2	314	157	660	330	2.02	328	68
156	.83½	1	134	134	114	114	0.86	133	69
313	.55	1	184	184	105	105	0.59	179	70
313	.20	1	204	204	41	41	0.65	63	71
313	.64	1	261	261	167	167	0.83	200	72
313	.29	2	149	75	43	22	0.48	90	73
313	.15	2	333	167	51	26	1.06	48	74
156	.61	1	148	148	90	90	0.95	95	75
313	.59½	1	309	309	184	184	0.99	186	76
156	1.16½	2	167	84	186	93	1.07	174	77
313	.88	4	209	52	184	46	0.67	276	78
313	.60	1	294	294	176	176	0.94	187	79
313	.89½	2	366	183	328	164	1.17	281	80
313	.72	1	323	323	233	233	1.03	226	81
156	1.24½	4	588	147	732	183	3.76	194	82
313	1.90	1	272	272	516	516	0.87	594	83
156	1.50	1	139	139	209	209	0.89	235	84
313	.71	1	263	263	186	186	0.84	221	85
313	2.51½	6	1,804	301	4,534	756	5.77	787	86
156	1.89	2	292	146	552	276	1.88	295	87
156	2.00½	9	1,039	115	2,081	231	6.66	312	88
294	1.71	6	1,190	198	2,033	339	4.05	502	89
313	1.15	1	297	297	342	342	0.95	360	90
156	1.95	2	306	153	596	298	1.96	304	91
313	1.40	10	1,713	171	2,398	240	5.47	438	92
313	.54½	2	268	134	146	73	0.86	171	93
313	(a)	12	(a)	(a)	2,193	183	(a)	(a)	94
313	1.96	6	569	95	1,115	186	1.82	613	95
156	2.00	1	150	150	299	299	0.96	311	96
156	2.00	1	153	153	307	307	0.98	313	97
156	1.75	1	147	147	258	258	0.94	274	98
313	1.50	1	277	277	415	415	0.88	469	99
156	2.00	1	161	161	320	320	1.03	310	100
313	1.86	3	603	201	1,121	374	1.93	582	101
313	2.00	1	314	314	628	628	1.00	626	102
294	2.00	1	266	266	532	532	0.90	588	103
313	1.70	1	310	310	527	527	0.99	532	104
313	1.11	1	292	292	324	324	0.93	347	105
365	1.50	1	364	364	545	545	1.00	546	106
313	1.50	1	319	319	478	478	1.02	469	107
313	.72	1	306	306	220	220	0.98	225	108
156	.75½	2	373	187	281	141	2.39	118	109
313	.67½	4	1,239	310	837	209	3.96	211	110
78	1.21½	1	43	43	52	52	0.55	94	111
78	.55	1	78	78	43	43	1.00	43	112
313	1.85½	2	309	155	573	287	0.99	580	113
156	1.50	1	177	177	263	263	1.13	232	114
156	2.03	1	146	146	297	297	0.94	317	115
313	.87	1	304	304	264	264	0.97	272	116
313	.66	2	599	300	394	197	1.91	206	117
156	1.99½	1	175	175	349	349	1.12	311	118
313	.72	1	344	344	248	248	1.10	226	119
78	.65	1	41	41	27	27	0.53	51	120
313	.67½	2	622	311	420	210	1.99	211	121
313	.57	4	1,189	297	680	170	3.80	179	122
313	1.66½	1	304	304	506	506	0.97	521	123
156	.55	4	483	121	265	66	3.08	86	124
313	.36½	7	1,218	174	446	64	3.89	115	125
156	.75½	2	117	59	86	43	0.75	115	126
24	.69½	2	46	23	32	16	1.92	17	127
313	1.00	15	1,719	115	1,731	115	5.49	315	128
313	.50	1	100	100	50	50	0.32	157	129
313	.60½	8	1,090	136	659	82	3.48	189	130

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
131	85	Bobbin boys—concluded	Cotton textiles	Northern district, U. S.
132	46	do	Cotton textiles	Southern district, U. S.
133	59	do	Cotton textiles	Southern district, U. S.
134	70	do	Cotton textiles	Southern district, U. S.
135		do	Cotton textiles	Southern district, U. S.
136		do	Cotton textiles	Continent of Europe
137	75	do	Cotton textiles	Great Britain
138	1	do	Cotton yarns	Northern district, U. S.
139	16	do	Cotton yarns	Continent of Europe
140	17	do	Cotton yarns	Continent of Europe
141	22	do	Cotton yarns	Great Britain
142	24	do	Cotton yarns	Great Britain
143	25	do	Cotton yarns	Great Britain
144	26	do	Cotton yarns	Great Britain
145	40	do	Woollen and worsted textiles	United States
146		do	Woollen and worsted textiles	United States
147		do	Woollen and worsted textiles	United States
148		do	Linen yarns	Continent of Europe
149	19	Boiler tenders	Cotton textiles	Northern district, U. S.
150	37	do	Cotton textiles	Northern district, U. S.
151	91	Boilermakers	Cotton textiles	Continent of Europe
152	42	do	Woollen and worsted textiles	Continent of Europe
153	22	Boxmakers	Cotton textiles	Northern district, U. S.
154		do	Cotton textiles	Continent of Europe
155	46	Bricklayers	Cotton textiles	Southern district, U. S.
156	49	do	Cotton textiles	Southern district, U. S.
157	62	do	Cotton textiles	Southern district, U. S.
158		do	Cotton textiles	Southern district, U. S.
159		do	Woollen and worsted textiles	United States
160	13	Brushers	Cotton textiles	Northern district, U. S.
161	46	do	Cotton textiles	Southern district, U. S.
162	47	do	Cotton textiles	Southern district, U. S.
163	50	do	Cotton textiles	Southern district, U. S.
164	51	do	Cotton textiles	Southern district, U. S.
165	59	do	Cotton textiles	Southern district, U. S.
166	60	do	Cotton textiles	Southern district, U. S.
167	68	do	Cotton textiles	Southern district, U. S.
168	70	do	Cotton textiles	Southern district, U. S.
169	16	do	Woollen and worsted textiles	United States
170	21	do	Woollen and worsted textiles	United States
171		do	Woollen and worsted textiles	United States
172		do	Woollen and worsted textiles	United States
173		do	Woollen and worsted textiles	United States
174		do	Woollen and worsted textiles	United States
175	42	do	Woollen and worsted textiles	Continent of Europe
176	82	Burlers	Cotton textiles	Northern district, U. S.
177	85	do	Cotton textiles	Northern district, U. S.
178	3	do	Woollen and worsted textiles	United States
179	7	do	Woollen and worsted textiles	United States
180	8	do	Woollen and worsted textiles	United States
181	12	do	Woollen and worsted textiles	United States
182	16	do	Woollen and worsted textiles	United States
183	21	do	Woollen and worsted textiles	United States
184	24	do	Woollen and worsted textiles	United States
185	26	do	Woollen and worsted textiles	United States
186	34	do	Woollen and worsted textiles	United States
187	36	do	Woollen and worsted textiles	United States
188	40	do	Woollen and worsted textiles	United States
189		do	Woollen and worsted textiles	United States
190		do	Woollen and worsted textiles	United States
191		do	Woollen and worsted textiles	United States
192		do	Woollen and worsted textiles	United States
193		do	Woollen and worsted textiles	United States
194		do	Woollen and worsted textiles	United States
195	42	do	Woollen and worsted textiles	Continent of Europe
196	22	Call boys	Cotton textiles	Northern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$0.43½	15	992	66	$433	$29	6.37	$68	131
312	.48	4	261	65	125	31	0.84	149	132
156	.38	20	1,230	62	467	23	7.89	59	133
313	.17	2	174	87	30	15	0.55	54	134
313	.38	14	925	66	352	25	2.95	119	135
313	.51⅓	3	702	234	363	121	2.25	162	136
78	.64	2	147	74	94	47	1.89	50	137
78	.50	2	150	75	75	38	1.92	39	138
72	.35	2	148	74	52	26	2.05	25	139
72	.34⅓	1	72	72	25	25	1.00	25	140
156	.44	3	444	148	195	65	2.85	69	141
6	.85	1	6	6	5	5	1.00	5	142
6	.85	2	12	6	10	5	2.00	5	143
6	.87½	1	6	6	5	5	1.00	5	144
156	1.00	3	119	40	119	40	0.76	156	145
156	.75	3	76	25	57	19	0.49	117	146
156	.62	10	919	92	568	57	5.89	96	147
313	.36	13	3,147	242	1,127	87	10.05	112	148
156	1.25	3	369	123	461	154	2.37	195	149
313	1.25	1	109	109	136	136	0.35	391	150
156	.89	1	186	186	165	165	1.19	138	151
313	1.05½	1	370	370	391	391	1.18	331	152
313	1.00	1	300	300	300	300	0.96	313	153
313	.47⅓	1	86	86	41	41	0.27	149	154
312	2.10	1	10	10	21	21	0.03	655	155
156	2.62	5	45	9	118	24	0.29	409	156
313	1.43	2	395	198	564	282	1.26	447	157
313	4.00	6	75	13	293	50	0.24	1,244	158
289	2.43	2	7	4	17	9	0.02	702	159
156	.90	1	136	136	122	122	0.87	140	160
312	.97	5	819	164	796	159	2.62	303	161
294	1.14	2	501	251	571	286	1.70	335	162
313	.70	4	332	83	231	58	1.06	218	163
313	.35	3	303	103	109	36	0.98	111	164
156	.50	1	157	157	78	78	1.01	78	165
313	.40	1	201	201	81	81	0.64	126	166
313	.60	5	306	61	183	37	0.98	187	167
313	1.16⅔	1	307	307	358	358	0.98	365	168
156	.60	2	187	94	113	57	1.20	94	169
313	.78⅓	2	617	309	485	243	1.97	246	170
156	.85	1	145	145	123	123	0.93	132	171
156	1.10	1	165	165	183	183	1.06	173	172
156	.66	4	420	105	277	69	2.69	103	173
289	1.25	2	150	75	184	92	0.52	355	174
313	.34	1	183	183	62	62	0.58	106	175
156	.41⅔	3	291	97	122	41	1.87	65	176
156	.50	3	154	51	77	26	0.99	78	177
156	.85	5	298	60	253	51	1.91	132	178
313	.75	30	4,779	159	3,587	120	15.27	235	179
313	.75	16	1,940	121	1,459	91	6.20	235	180
156	.73⅓	2	184	92	135	68	1.18	114	181
156	.93⅓	4	598	150	558	140	3.83	146	182
313	.54	49	7,646	156	4,127	84	24.43	169	183
313	.79½	77	14,291	186	11,331	147	45.66	248	184
162	.75	6	559	93	418	70	3.45	121	185
313	.66⅔	15	2,279	152	1,516	101	7.28	208	186
72	.58⅓	12	632	53	369	31	8.79	42	187
156	1.50	36	835	23	1,252	35	5.35	234	188
156	.63	4	296	74	187	47	1.90	99	189
156	.90	5	322	64	290	58	2.06	140	190
156	.65½	97	8,205	85	5,364	55	52.60	102	191
156	.95	13	1,674	129	1,593	123	10.74	148	192
289	.82	21	2,067	98	1,692	81	7.14	237	193
313	1.00	13	1,787	137	1,780	137	5.71	312	194
313	.32½	60	13,829	230	4,487	75	44.18	102	195
313	.95	9	724	80	688	76	2.30	297	196

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
197	22	Card clothiers	Cotton textiles	Northern district, U. S.
198	46	do	Cotton textiles	Southern district, U. S.
199	3	Card feeders	Woollen and worsted textiles	United States
200	8	do	Woollen and worsted textiles	United States
201	21	do	Woollen and worsted textiles	United States
202	34	do	Woollen and worsted textiles	United States
203	40	do	Woollen and worsted textiles	United States
204		do	Woollen and worsted textiles	United States
205		do	Woollen and worsted textiles	United States
206		do	Woollen and worsted textiles	United States
207	34	Card feeders and piecers	Woollen and worsted textiles	United States
208	1	Card grinders	Cotton textiles	Northern district, U. S.
209	3	do	Cotton textiles	Northern district, U. S.
210	4	do	Cotton textiles	Northern district, U. S.
211	9	do	Cotton textiles	Northern district, U. S.
212	10	do	Cotton textiles	Northern district, U. S.
213	11	do	Cotton textiles	Northern district, U. S.
214	12	do	Cotton textiles	Northern district, U. S.
215	13	do	Cotton textiles	Northern district, U. S.
216	15	do	Cotton textiles	Northern district, U. S.
217	17	do	Cotton textiles	Northern district, U. S.
218	19	do	Cotton textiles	Northern district, U. S.
219	20	do	Cotton textiles	Northern district, U. S.
220	22	do	Cotton textiles	Northern district, U. S.
221	26	do	Cotton textiles	Northern district, U. S.
222	28	do	Cotton textiles	Northern district, U. S.
223	36	do	Cotton textiles	Northern district, U. S.
224	37	do	Cotton textiles	Northern district, U. S.
225	38	do	Cotton textiles	Northern district, U. S.
226	85	do	Cotton textiles	Northern district, U. S.
227	88	do	Cotton textiles	Northern district, U. S.
228		do	Cotton textiles	Northern district, U. S.
229	42	do	Cotton textiles	Southern district, U. S.
230	44	do	Cotton textiles	Southern district, U. S.
231	46	do	Cotton textiles	Southern district, U. S.
232	47	do	Cotton textiles	Southern district, U. S.
233	49	do	Cotton textiles	Southern district, U. S.
234	50	do	Cotton textiles	Southern district, U. S.
235	51	do	Cotton textiles	Southern district, U. S.
236	57	do	Cotton textiles	Southern district, U. S.
237	59	do	Cotton textiles	Southern district, U. S.
238	60	do	Cotton textiles	Southern district, U. S.
239	62	do	Cotton textiles	Southern district, U. S.
240	64	do	Cotton textiles	Southern district, U. S.
241	67	do	Cotton textiles	Southern district, U. S.
242	68	do	Cotton textiles	Southern district, U. S.
243	70	do	Cotton textiles	Southern district, U. S.
244		do	Cotton textiles	Southern district, U. S.
245	91	do	Cotton textiles	Continent of Europe
246	92	do	Cotton textiles	Continent of Europe
247		do	Cotton textiles	Continent of Europe
248	75	do	Cotton textiles	Great Britain
249	1	do	Cotton yarns	Northern district, U. S.
250		do	Cotton yarns	Northern district, U. S.
251	9	do	Cotton yarns	Southern district, U. S.
252	10	do	Cotton yarns	Southern district, U. S.
253	11	do	Cotton yarns	Southern district, U. S.
254	16	do	Cotton yarns	Continent of Europe
255	17	do	Cotton yarns	Continent of Europe
256	18	do	Cotton yarns	Continent of Europe
257	7	do	Woollen and worsted textiles	United States
258	21	do	Woollen and worsted textiles	United States
259	40	do	Woollen and worsted textiles	United States
260	37	Card grinders, head	Cotton textiles	Northern district, U. S.
261	28	Card grinders and card strippers.	Cotton textiles	Northern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$1.50	4	292	73	$435	$109	0.93	$466	197
312	1.40	1	244	244	332	332	0.78	425	198
156	1.00	1	151	151	151	151	0.97	156	199
313	.80	9	804	89	643	71	2.57	250	200
313	.67½	3	755	252	508	169	2.41	211	201
313	1.00	7	1,254	179	1,255	179	4.01	313	202
156	.87	9	596	66	519	58	3.82	136	203
156	.91	2	154	77	140	70	0.99	142	204
156	.70	2	102	51	71	36	0.65	109	205
313	.75	2	595	298	442	221	1.90	233	206
313	.78½	2	539	270	424	212	1.72	246	207
156	1.41½	4	413	103	584	146	2.65	221	208
156	1.55	4	328	82	508	127	2.10	242	209
156	1.46½	4	570	143	835	209	3.66	229	210
156	1.50	1	144	144	216	216	0.92	234	211
156	1.26½	5	774	155	978	196	4.95	197	212
313	1.00	2	554	277	554	277	1.77	313	213
313	1.19	2	528	264	628	314	1.69	372	214
156	1.35	4	577	144	779	195	3.70	211	215
156	1.36½	10	1,372	137	1,873	187	8.79	213	216
313	1.39	10	1,303	130	1,813	181	4.17	436	217
156	1.42	21	1,169	56	1,666	79	7.49	222	218
24	1.37½	4	93	23	128	32	3.88	33	219
313	1.40	39	4,504	115	6,295	161	14.39	437	220
156	1.50	6	619	103	929	155	3.97	234	221
156	1.67	6	703	117	1,173	196	4.51	260	222
313	1.28½	4	1,058	265	1,357	339	3.38	401	223
313	1.23½	13	1,837	141	2,266	174	5.87	386	224
313	1.50	1	308	308	463	463	0.98	471	225
156	1.43	9	858	95	1,227	136	5.50	223	226
156	1.40	3	432	144	604	201	2.77	218	227
156	1.42	6	587	98	833	139	3.76	221	228
313	1.33	3	472	157	629	210	1.51	417	229
156	1.35	3	460	153	620	207	2.95	210	230
312	1.23	9	1,917	213	2,354	262	6.14	383	231
294	1.28	25	3,187	127	4,073	163	10.83	376	232
156	1.52½	8	1,053	132	1,605	201	6.74	238	233
313	1.48½	5	587	117	872	174	1.87	465	234
313	1.12	4	636	159	713	178	2.03	351	235
313	1.25	2	224	112	279	140	0.72	390	236
156	1.50	2	302	151	453	227	1.94	234	237
313	1.02½	8	1,854	232	1,896	237	5.92	320	238
313	.98	8	2,411	301	2,368	296	7.71	307	239
313	1.22	5	938	188	1,145	229	3.00	382	240
313	1.50	1	152	152	228	228	0.49	470	241
313	1.08	5	784	157	846	169	2.51	338	242
313	1.21	3	669	223	809	270	2.14	379	243
313	1.20½	11	2,093	190	2,520	229	6.69	377	244
156	.73	9	1,303	145	954	106	8.35	114	245
72	.66	7	539	77	356	51	7.49	48	246
313	.51	20	6,009	300	3,066	153	19.20	160	247
78	.73	2	137	69	100	50	1.76	57	248
78	1.45	7	496	71	719	103	6.36	113	249
156	1.50	2	164	82	245	123	1.05	233	250
313	1.01	9	952	106	961	107	3.04	316	251
156	1.08½	8	312	39	338	42	2.00	169	252
313	.84½	5	1,214	243	1,025	205	3.88	264	253
72	.46	6	440	73	202	34	6.12	33	254
72	.50	2	139	70	70	35	1.93	36	255
78	.51½	10	780	78	400	40	10.00	40	256
313	1.60	1	316	316	506	506	1.01	501	257
313	1.50	1	303	303	454	454	0.97	469	258
156	1.17½	3	357	119	419	140	2.29	183	259
313	1.66	2	604	302	1,002	501	1.93	519	260
156	1.45½	1	152	152	222	222	0.97	228	261

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
262	75	Card grinders and card strippers—concluded.	Cotton textiles	Great Britain
263	19	....do	Cotton yarns	Great Britain
264	22	....do	Cotton yarns	Great Britain
265	28	....do	Cotton yarns	Great Britain
266		....do	Cotton yarns	Great Britain
267	1	Card strippers	Cotton textiles	Northern district, U. S.
268	3	....do	Cotton textiles	Northern district, U. S.
269	4	....do	Cotton textiles	Northern district, U. S.
270	9	....do	Cotton textiles	Northern district, U. S.
271	11	....do	Cotton textiles	Northern district, U. S.
272	12	....do	Cotton textiles	Northern district, U. S.
273	13	....do	Cotton textiles	Northern district, U. S.
274	15	....do	Cotton textiles	Northern district, U. S.
275	17	....do	Cotton textiles	Northern district, U. S.
276	19	....do	Cotton textiles	Northern district, U. S.
277	20	....do	Cotton textiles	Northern district, U. S.
278	22	....do	Cotton textiles	Northern district, U. S.
279	26	....do	Cotton textiles	Northern district, U. S.
280	28	....do	Cotton textiles	Northern district, U. S.
281	36	....do	Cotton textiles	Northern district, U. S.
282	37	....do	Cotton textiles	Northern district, U. S.
283	38	....do	Cotton textiles	Northern district, U. S.
284	82	....do	Cotton textiles	Northern district, U. S.
285	85	....do	Cotton textiles	Northern district, U. S.
286	88	....do	Cotton textiles	Northern district, U. S.
287		....do	Cotton textiles	Northern district, U. S.
288	42	....do	Cotton textiles	Southern district, U. S.
289	46	....do	Cotton textiles	Southern district, U. S.
290	47	....do	Cotton textiles	Southern district, U. S.
291	49	....do	Cotton textiles	Southern district, U. S.
292	50	....do	Cotton textiles	Southern district, U. S.
293	51	....do	Cotton textiles	Southern district, U. S.
294	57	....do	Cotton textiles	Southern district, U. S.
295	60	....do	Cotton textiles	Southern district, U. S.
296	62	....do	Cotton textiles	Southern district, U. S.
297	64	....do	Cotton textiles	Southern district, U. S.
298	68	....do	Cotton textiles	Southern district, U. S.
299		....do	Cotton textiles	Southern district, U. S.
300	91	....do	Cotton textiles	Continent of Europe
301	75	....do	Cotton textiles	Great Britain
302	1	....do	Cotton yarns	Northern district, U. S.
303		....do	Cotton yarns	Northern district, U. S.
304	9	....do	Cotton yarns	Southern district, U. S.
305	10	....do	Cotton yarns	Southern district, U. S.
306	11	....do	Cotton yarns	Southern district, U. S.
307	16	....do	Cotton yarns	Continent of Europe
308	17	....do	Cotton yarns	Continent of Europe
309	18	....do	Cotton yarns	Continent of Europe
310	3	....do	Woollen and worsted textiles	United States
311	7	....do	Woollen and worsted textiles	United States
312	8	....do	Woollen and worsted textiles	United States
313	16	....do	Woollen and worsted textiles	United States
314	34	....do	Woollen and worsted textiles	United States
315	36	....do	Woollen and worsted textiles	United States
316	40	....do	Woollen and worsted textiles	United States
317		....do	Woollen and worsted textiles	United States
318		....do	Woollen and worsted textiles	United States
319		....do	Woollen and worsted textiles	United States
320	42	....do	Woollen and worsted textiles	Continent of Europe
321	17	Card stripper and drawing-frame tender.	Cotton textiles	Northern district, U. S.
322	37	Card strippers and picking-room hands.	Cotton textiles	Northern district, U. S.
323	11	Card stripper and watchman	Cotton yarns	Southern district, U. S.
324	11	Carders	Cotton textiles	Northern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
78	$0.89½	4	292	73	$261	$65	3.74	$70	262
78	1.03	2	154	77	159	80	1.97	81	263
156	.70	6	848	141	593	99	5.43	109	264
156	.91	6	933	156	849	142	5.98	142	265
78	1.03½	2	150	75	155	78	1.92	81	266
156	.96	22	1,031	47	988	45	6.60	149	267
156	1.05	4	436	109	453	113	2.79	162	268
156	1.24	8	1,055	132	1,308	164	6.77	193	269
156	.95	9	406	45	387	43	2.60	149	270
313	1.08	2	541	271	584	292	1.73	338	271
313	1.00	3	203	68	203	68	0.65	313	272
156	1.08	3	426	142	460	153	2.73	168	273
156	1.06½	36	1,863	52	1,984	55	11.94	166	274
313	1.08	23	931	40	1,004	44	2.97	338	275
156	1.15	17	1,646	97	1,893	111	10.55	179	276
24	.98	6	144	24	141	24	6.00	24	277
313	1.04½	180	9,459	53	9,872	55	30.22	327	278
156	1.05	7	899	128	940	134	5.76	163	279
156	1.21	28	2,631	94	3,187	114	16.87	189	280
313	1.12½	4	1,070	268	1,203	301	3.42	352	281
313	1.13½	12	1,489	124	1,688	141	4.76	355	282
313	1.25	9	1,843	205	2,305	256	5.89	391	283
156	1.09½	3	424	141	464	155	2.72	171	284
156	1.05½	13	815	63	858	66	5.23	164	285
156	1.03½	9	510	57	529	59	3.27	162	286
156	1.10	5	756	151	831	166	4.85	171	287
313	.72	33	1,355	41	976	30	4.33	225	288
312	.81	44	4,041	92	3,265	74	12.95	252	289
294	.91	104	6,578	63	5,988	58	22.37	268	290
156	.90	18	1,644	91	1,471	82	10.54	140	291
313	.75½	20	1,392	70	1,053	53	4.45	237	292
313	.86½	12	735	61	636	53	2.35	271	293
313	.75	2	563	282	422	211	1.80	235	294
313	.83	3	804	268	669	223	2.57	260	295
313	.68½	15	3,199	213	2,193	146	10.21	215	296
313	.94½	4	978	245	922	231	3.12	295	297
313	.90	5	1,109	222	999	200	3.54	282	298
313	.70	31	2,488	80	1,740	56	7.95	219	299
156	.62½	18	1,772	98	1,108	62	11.36	98	300
78	.81	1	78	78	63	63	1.00	63	301
78	1.18½	7	540	77	641	92	6.92	93	302
156	1.00	15	1,348	90	1,351	90	8.64	156	303
313	.77½	20	1,047	52	812	41	3.35	243	304
156	.69	13	478	37	329	25	3.06	107	305
313	.61	14	2,098	150	1,282	92	6.71	191	306
72	.35	5	335	67	117	23	4.66	25	307
72	.44½	2	138	69	61	31	1.92	32	308
78	.43	27	2,106	78	909	34	27.00	34	309
156	1.31	2	306	153	401	201	1.96	204	310
313	1.25	6	1,168	195	1,460	243	3.73	391	311
313	1.00	2	488	244	488	244	1.56	313	312
156	1.50	3	447	149	670	223	2.87	234	313
313	1.36½	6	1,198	200	1,634	272	3.83	427	314
84	1.16½	1	82	82	95	95	0.98	97	315
156	1.00	5	482	96	482	96	3.09	156	316
156	1.10	2	255	128	280	140	1.63	171	317
156	1.25	1	111	111	139	139	0.71	195	318
313	1.25	1	261	261	326	326	0.83	391	319
313	.84	3	890	297	748	249	2.84	263	320
313	.84½	1	135	135	114	114	0.43	264	321
313	.95	2	591	296	562	281	1.89	298	322
365	.68½	1	163	163	112	112	0.45	251	323
313	.50	1	267	267	134	134	0.85	157	324

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
325	13	Carders—concluded	Cotton textiles	Northern district, U. S.
326	22	do	Cotton textiles	Northern district, U. S.
327	23	do	Cotton textiles	Northern district, U. S.
328	36	do	Cotton textiles	Northern district, U. S.
329	37	do	Cotton textiles	Northern district, U. S.
330	82	do	Cotton textiles	Northern district, U. S.
331	44	do	Cotton textiles	Southern district, U. S.
332	60	do	Cotton textiles	Southern district, U. S.
333	67	do	Cotton textiles	Southern district, U. S.
334	70	do	Cotton textiles	Southern district, U. S.
335	91	do	Cotton textiles	Continent of Europe.
336	92	do	Cotton textiles	Continent of Europe.
337		do	Cotton textiles	Continent of Europe.
338	17	do	Cotton yarns	Continent of Europe.
339	28	do	Cotton yarns	Great Britain
340	3	do	Woollen and worsted textiles	United States
341	7	do	Woollen and worsted textiles	United States
342	12	do	Woollen and worsted textiles	United States
343	15	do	Woollen and worsted textiles	United States
344	16	do	Woollen and worsted textiles	United States
345	21	do	Woollen and worsted textiles	United States
346	24	do	Woollen and worsted textiles	United States
347	26	do	Woollen and worsted textiles	United States
348		do	Woollen and worsted textiles	United States
349		do	Woollen and worsted textiles	United States
350		do	Woollen and worsted textiles	United States
351		do	Woollen and worsted textiles	United States
352		do	Woollen and worsted textiles	United States
353		do	Woollen and worsted textiles	United States
354		do	Woollen and worsted textiles	United States
355	42	do	Woollen and worsted textiles	Continent of Europe.
356		do	Linen yarns	Continent of Europe.
357	28	Carders and drawing-frame tenders.	Cotton yarns	Great Britain
358	37	Carders' helpers	Cotton textiles	Northern district, U. S.
359	82	do	Cotton textiles	Northern district, U. S.
360		do	Woollen and worsted textiles	United States
361		do	Woollen and worsted textiles	United States
362	1	Carpenters	Cotton textiles	Northern district, U. S.
363	3	do	Cotton textiles	Northern district, U. S.
364	4	do	Cotton textiles	Northern district, U. S.
365	9	do	Cotton textiles	Northern district, U. S.
366	10	do	Cotton textiles	Northern district, U. S.
367	12	do	Cotton textiles	Northern district, U. S.
368	13	do	Cotton textiles	Northern district, U. S.
369	15	do	Cotton textiles	Northern district, U. S.
370	19	do	Cotton textiles	Northern district, U. S.
371	26	do	Cotton textiles	Northern district, U. S.
372	28	do	Cotton textiles	Northern district, U. S.
373	36	do	Cotton textiles	Northern district, U. S.
374	37	do	Cotton textiles	Northern district, U. S.
375	38	do	Cotton textiles	Northern district, U. S.
376	85	do	Cotton textiles	Northern district, U. S.
377	88	do	Cotton textiles	Northern district, U. S.
378		do	Cotton textiles	Northern district, U. S.
379	42	do	Cotton textiles	Southern district, U. S.
380	44	do	Cotton textiles	Southern district, U. S.
381	46	do	Cotton textiles	Southern district, U. S.
382	47	do	Cotton textiles	Southern district, U. S.
383	49	do	Cotton textiles	Southern district, U. S.
384	59	do	Cotton textiles	Southern district, U. S.
385	59	do	Cotton textiles	Southern district, U. S.
386	60	do	Cotton textiles	Southern district, U. S.
387	62	do	Cotton textiles	Southern district, U. S.
388	64	do	Cotton textiles	Southern district, U. S.
389	67	do	Cotton textiles	Southern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employes.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$0.66	7	872	125	$575	$82	5.59	$103	325
313	1.39	12	1,420	118	1,973	164	4.54	435	326
156	.92	7	761	109	702	100	4.87	144	327
313	.46	2	286	143	131	66	0.91	143	328
313	.62½	2	604	302	375	188	1.93	194	329
156	2.83½	1	146	146	412	412	0.94	440	330
156	.80	15	844	56	675	45	5.41	124	331
313	.72½	22	4,091	186	2,970	135	13.08	227	332
313	.80	19	1,601	84	1,284	68	5.12	251	333
313	.90½	9	2,030	226	1,838	204	6.49	283	334
156	.26½	28	2,661	95	706	25	17.06	41	335
72	.49½	21	1,524	73	757	36	21.18	36	336
313	.36	39	5,862	150	2,098	54	18.73	112	337
72	.33	6	344	57	113	19	4.77	24	338
156	.35½	6	592	99	210	35	3.80	55	339
156	.75	4	583	146	437	109	3.74	117	340
313	.79½	25	2,870	115	2,283	91	9.17	249	341
156	.81½	11	1,071	97	905	82	6.87	132	342
313	.73½	17	1,892	111	1,395	82	6.05	231	343
156	1.26	5	732	146	924	185	4.69	197	344
313	.58½	29	2,746	95	1,607	55	8.78	183	345
313	.77	27	5,496	204	4,223	156	17.55	241	346
162	.60	10	825	83	497	50	5.09	98	347
156	.65	8	998	125	647	81	6.40	101	348
156	1.18	4	402	101	475	119	2.58	184	349
156	.92	52	3,356	65	3,084	59	21.52	143	350
156	.89½	24	2,427	101	2,169	90	15.55	139	351
158	.50	2	249	125	124	62	1.58	79	352
289	1.29½	5	748	150	970	194	2.59	375	353
313	.98½	13	1,553	119	1,531	118	4.96	309	354
313	.34	6	1,691	282	574	96	5.40	106	355
313	.46½	35	6,543	187	3,045	87	20.90	146	356
156	.63	2	253	127	160	80	1.62	99	357
313	.46	21	3,467	165	1,603	76	11.08	145	358
156	.74½	21	2,262	108	1,683	80	14.50	116	359
156	.81½	6	607	101	495	83	3.90	127	360
289	.65	18	1,353	75	883	49	4.69	188	361
156	2.13	2	309	155	658	329	1.98	332	362
156	2.00	2	299	150	599	300	1.92	313	363
156	2.18½	8	792	99	1,730	216	5.08	341	364
156	1.62	2	243	122	394	197	1.56	253	365
156	1.36	3	369	123	501	167	2.37	212	366
313	1.37½	2	538	269	740	370	1.72	431	367
156	1.75	1	64	64	112	112	0.41	273	368
156	2.14½	3	317	106	680	227	2.03	335	369
156	1.64½	4	351	88	578	145	2.25	257	370
156	1.94½	8	1,202	150	2,336	292	7.70	303	371
156	1.84	5	505	101	929	186	3.24	287	372
313	2.20½	12	374	31	825	69	1.19	690	373
313	1.95½	3	602	201	1,176	392	1.93	611	374
313	2.50	1	304	304	759	759	0.97	781	375
156	2.14	3	347	116	743	248	2.22	334	376
156	2.22½	6	186	31	414	69	1.20	347	377
156	2.00	1	169	169	338	338	1.08	312	378
313	1.36	4	351	88	478	120	1.12	426	379
156	2.00	1	171	171	343	343	1.10	313	380
312	1.50	3	38	13	57	19	0.12	468	381
294	1.92½	11	1,185	108	2,283	208	4.04	566	382
156	2.32	2	315	158	731	366	2.02	362	383
313	1.12½	1	305	305	343	343	0.97	352	384
156	1.91	1	11	11	21	21	0.07	298	385
313	1.16½	6	1,424	237	1,659	277	4.55	365	386
313	1.24	8	1,386	173	1,717	215	4.43	388	387
313	1.63½	2	627	314	1,025	513	2.00	512	388
313	1.05	2	179	90	188	94	0.57	329	389

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
390	70	Carpenters—concluded	Cotton textiles	Southern district, U. S.
391		do	Cotton textiles	Southern district, U. S.
392	71	do	Cotton textiles	Continent of Europe
393	91	do	Cotton textiles	Continent of Europe
394	92	do	Cotton textiles	Continent of Europe
395		do	Cotton textiles	Continent of Europe
396	1	do	Cotton yarns	Northern district, U. S.
397	10	do	Cotton yarns	Southern district, U. S.
398	11	do	Cotton yarns	Southern district, U. S.
399	17	do	Cotton yarns	Continent of Europe
400	18	do	Cotton yarns	Continent of Europe
401	5	do	Woollen and worsted textiles	United States
402	7	do	Woollen and worsted textiles	United States
403	8	do	Woollen and worsted textiles	United States
404	12	do	Woollen and worsted textiles	United States
405	15	do	Woollen and worsted textiles	United States
406	16	do	Woollen and worsted textiles	United States
407	21	do	Woollen and worsted textiles	United States
408	34	do	Woollen and worsted textiles	United States
409	40	do	Woollen and worsted textiles	United States
410		do	Woollen and worsted textiles	United States
411		do	Woollen and worsted textiles	United States
412		do	Woollen and worsted textiles	United States
413		do	Woollen and worsted textiles	United States
414	42	do	Woollen and worsted textiles	Continent of Europe
415		do	Linen yarns	Continent of Europe
416	60	Carpenters' apprentices	Cotton textiles	Southern district, U. S.
417	88	Carpenters' helpers	Cotton textiles	Northern district, U. S.
418	71	do	Cotton textiles	Continent of Europe
419	21	Chain makers	Woollen and worsted textiles	United States
420	23	do	Woollen and worsted textiles	United States
421	36	do	Woollen and worsted textiles	United States
422	49	do	Woollen and worsted textiles	United States
423		do	Woollen and worsted textiles	United States
424	9	Cleaners	Cotton textiles	Northern district, U. S.
425	15	do	Cotton textiles	Northern district, U. S.
426	17	do	Cotton textiles	Northern district, U. S.
427	19	do	Cotton textiles	Northern district, U. S.
428	22	do	Cotton textiles	Northern district, U. S.
429	26	do	Cotton textiles	Northern district, U. S.
430	33	do	Cotton textiles	Northern district, U. S.
431	88	do	Cotton textiles	Northern district, U. S.
432		do	Cotton textiles	Northern district, U. S.
433	71	do	Cotton textiles	Continent of Europe
434		do	Cotton textiles	Continent of Europe
435	1	do	Cotton yarns	Northern district, U. S.
436		do	Cotton yarns	Northern district, U. S.
437	17	do	Cotton yarns	Continent of Europe
438	16	do	Woollen and worsted textiles	United States
439	21	do	Woollen and worsted textiles	United States
440	26	do	Woollen and worsted textiles	United States
441		do	Woollen and worsted textiles	United States
442		do	Woollen and worsted textiles	United States
443		do	Woollen and worsted textiles	United States
444		do	Woollen and worsted textiles	United States
445	10	Cloth carriers	Cotton textiles	Northern district, U. S.
446	85	do	Cotton textiles	Northern district, U. S.
447	60	do	Cotton textiles	Southern district, U. S.
448	62	do	Cotton textiles	Southern district, U. S.
449	70	do	Cotton textiles	Southern district, U. S.
450		do	Cotton textiles	Continent of Europe
451	72	do	Cotton textiles	Great Britain
452	21	do	Woollen and worsted textiles	United States
453	75	Cloth hookers	Cotton textiles	Great Britain
454	3	Cloth inspectors	Cotton textiles	Northern district, U. S.
455	4	do	Cotton textiles	Northern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$1.59½	2	543	272	$867	$434	1.73	$500	390
313	1.76	4	1,049	262	1,846	462	3.35	551	391
313	.65½	3	874	291	572	191	2.79	205	392
156	.82½	2	322	161	265	133	2.06	128	393
72	.73	15	1,186	79	868	58	16.47	53	394
313	.63	8	2,441	305	1,541	193	7.80	198	395
78	2.50	1	77	77	193	193	0.99	196	396
156	1.41	1	147	147	207	207	0.94	220	397
313	1.00	2	359	180	355	178	1.15	310	398
72	.67½	1	72	72	49	49	1.00	49	399
78	.77	2	156	78	120	60	2.00	60	400
156	1.99	7	351	50	698	100	2.26	310	401
313	2.00	2	247	124	500	250	0.79	634	402
313	1.52	3	46	15	70	23	0.15	476	403
156	2.12½	1	152	152	324	324	0.97	333	404
313	1.50	1	84	84	126	126	0.27	470	405
156	2.11	1	155	155	330	330	0.99	332	406
313	1.60½	4	890	223	1,429	357	2.84	503	407
313	2.22½	2	325	163	723	362	1.04	696	408
156	3.00	1	171	171	513	513	1.10	468	409
156	2.61	2	186	93	485	243	1.20	407	410
156	1.89	4	638	160	1,205	301	4.09	295	411
156	3.60	1	125	125	448	448	0.80	558	412
239	2.30	1	168	168	383	383	0.58	659	413
313	.92	4	1,445	361	1,330	333	4.62	288	414
313	.65½	6	1,514	252	992	165	4.84	205	415
313	.75½	2	584	292	440	220	1.86	236	416
156	1.27½	2	40	20	51	26	0.26	199	417
313	.48	1	316	316	152	152	1.01	151	418
313	.76½	3	209	70	160	53	0.67	240	419
162	1.50	1	159	159	238	238	0.98	242	420
72	1.50	1	72	72	108	108	1.00	108	421
156	1.75	1	152	152	266	266	0.97	273	422
156	1.50	1	153	153	229	229	0.98	233	423
156	.75	2	130	65	98	49	0.83	118	424
156	.44	9	475	53	210	23	3.06	69	425
313	.74	15	1,755	117	1,301	87	5.61	232	426
156	.54½	13	740	57	405	31	4.74	85	427
313	.65½	33	3,200	97	2,099	64	10.23	205	428
156	.53	12	702	59	371	31	4.51	82	429
313	.46	12	1,075	90	503	42	3.43	146	430
156	.52	6	277	46	139	23	1.78	78	431
156	.46	12	556	46	261	22	3.56	73	432
313	.34½	5	1,080	216	372	74	3.45	108	433
313	.40	4	1,260	315	502	126	4.02	125	434
78	.33⅓	1	78	78	26	26	1.00	26	435
156	.60	13	541	42	325	25	3.46	94	436
72	.33	2	136	68	45	23	1.89	24	437
156	1.12½	1	147	147	168	168	0.94	178	438
313	1.25	3	923	308	1,154	385	2.95	391	439
162	1.18½	2	293	147	347	174	1.81	192	440
156	1.10	2	292	146	321	161	1.87	171	441
156	.81	7	977	140	790	113	6.27	126	442
156	.90	1	127	127	115	115	0.81	141	443
313	.50	1	121	121	60	60	0.39	155	444
156	.51½	2	288	144	149	75	1.85	81	445
156	1.08½	2	276	138	299	150	1.77	169	446
313	.85	1	92	92	72	72	0.29	245	447
313	.50	4	625	156	310	78	2.00	155	448
313	.83½	2	265	133	220	110	0.85	260	449
313	.60	3	506	169	304	101	1.62	188	450
156	.20½	1	153	153	31	31	0.98	32	451
313	1.00	3	250	83	251	84	0.80	314	452
78	.21½	4	298	75	64	16	3.82	17	453
156	.80	8	452	57	362	45	2.90	125	454
156	.78	13	1,495	115	1,169	90	9.58	122	455

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
456	10	Cloth inspectors—concluded.	Cotton textiles	Northern district, U. S..
457	12	....do	Cotton textiles	Northern district, U. S..
458	13	....do	Cotton textiles	Northern district, U. S..
459	19	....do	Cotton textiles	Northern district, U. S..
460	22	....do	Cotton textiles	Northern district, U. S..
461	26	....do	Cotton textiles	Northern district, U. S..
462	28	....do	Cotton textiles	Northern district, U. S..
463	37	....do	Cotton textiles	Northern district, U. S..
464	38	....do	Cotton textiles	Northern district, U. S..
465	85	....do	Cotton textiles	Northern district, U. S..
466		....do	Cotton textiles	Northern district, U. S..
467	42	....do	Cotton textiles	Southern district, U. S..
468	46	....do	Cotton textiles	Southern district, U. S..
469	47	....do	Cotton textiles	Southern district, U. S..
470	60	....do	Cotton textiles	Southern district, U. S..
471	67	....do	Cotton textiles	Southern district, U. S..
472	70	....do	Cotton textiles	Southern district, U. S..
473	71	....do	Cotton textiles	Continent of Europe....
474	93	....do	Cotton textiles	Continent of Europe....
475		....do	Cotton textiles	Continent of Europe....
476	72	....do	Cotton textiles	Great Britain.....
477	75	....do	Cotton textiles	Great Britain.....
478	3	....do	Woollen and worsted textiles.	United States.....
479	7	....do	Woollen and worsted textiles.	United States.....
480	21	....do	Woollen and worsted textiles.	United States.....
481	24	....do	Woollen and worsted textiles.	United States.....
482	34	....do	Woollen and worsted textiles.	United States.....
483	37	....do	Woollen and worsted textiles.	United States.....
484	40	....do	Woollen and worsted textiles.	United States.....
485		....do	Woollen and worsted textiles.	United States.....
486		....do	Woollen and worsted textiles.	United States.....
487	42	....do	Woollen and worsted textiles.	Continent of Europe....
488	46	Cloth tackers	Cotton textiles	Southern district, U. S..
489	60	....do	Cotton textiles	Southern district, U. S..
490	64	....do	Cotton textiles	Southern district, U. S..
491	67	....do	Cotton textiles	Southern district, U. S..
492		....do	Cotton textiles	Southern district, U. S..
493	1	Cloth-room hands	Cotton textiles	Northern district, U. S..
494	3	....do	Cotton textiles	Northern district, U. S..
495	4	....do	Cotton textiles	Northern district, U. S..
496	9	....do	Cotton textiles	Northern district, U. S..
497	36	....do	Cotton textiles	Northern district, U. S..
498	37	....do	Cotton textiles	Northern district, U. S..
499		....do	Cotton textiles	Northern district, U. S..
500	49	....do	Cotton textiles	Southern district, U. S..
501	50	....do	Cotton textiles	Southern district, U. S..
502	51	....do	Cotton textiles	Southern district, U. S..
503	59	....do	Cotton textiles	Southern district, U. S..
504	64	....do	Cotton textiles	Southern district, U. S..
505		....do	Cotton textiles	Southern district, U. S..
506	92	....do	Cotton textiles	Continent of Europe....
507		....do	Cotton textiles	Continent of Europe....
508		....do	Woollen and worsted textiles.	United States.....
509		....do	Woollen and worsted textiles.	United States.....
510	42	....do	Woollen and worsted textiles.	Continent of Europe....
511	15	Coal wheelers	Cotton textiles	Northern district, U. S..
512	17	....do	Cotton textiles	Northern district, U. S..
513	19	....do	Cotton textiles	Northern district, U. S..
514	36	....do	Cotton textiles	Northern district, U. S..
515	37	....do	Cotton textiles	Northern district, U. S..
516		....do	Cotton textiles	Northern district, U. S..
517	59	....do	Cotton textiles	Southern district, U. S..
518	24	....do	Cotton yarns	Great Britain.....
519	25	....do	Cotton yarns	Great Britain.....
520	26	....do	Cotton yarns	Great Britain.....
521	19	Combers	Cotton textiles	Northern district, U. S..

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$0.75½	2	308	154	$232	$116	1.97	$118	456
313	1.07½	2	342	171	368	184	1.09	337	457
156	.68⅛	2	278	139	191	96	1.79	107	458
156	1.20	1	153	153	183	183	0.98	187	459
313	1.12	6	1,035	173	1,157	193	3.31	350	460
156	1.15	2	182	91	209	105	1.17	179	461
156	1.02½	25	1,933	77	1,985	79	12.40	160	462
313	1.03	2	596	298	614	307	1.90	322	463
313	2.16½	1	304	304	659	659	0.97	679	464
156	2.62½	1	135	135	349	349	0.87	403	465
156	.86	4	443	111	381	95	2.84	134	466
313	.60	1	185	185	111	111	0.59	188	467
312	.84⅛	3	507	169	429	143	1.62	264	468
294	1.12	15	2,265	151	2,538	169	7.71	329	469
313	.70	1	13	13	9	9	0.04	217	470
313	.73	6	581	97	423	71	1.86	228	471
313	1.30	3	515	172	670	223	1.65	407	472
313	.51	4	1,202	301	614	154	3.84	160	473
313	.53	2	626	313	331	166	2.00	166	474
313	.84	4	1,196	299	1,005	251	3.82	263	475
156	1.12	2	306	153	342	171	1.96	174	476
78	.99½	4	312	78	311	78	4.00	78	477
156	1.12½	1	149	149	168	168	0.96	176	478
313	1.48½	4	575	144	854	214	1.84	465	479
313	.59	5	1,275	255	754	151	4.08	185	480
313	1.62½	1	265	265	431	431	0.85	509	481
313	1.50	1	266	266	393	393	0.85	462	482
313	1.42	2	279	140	396	198	0.89	444	483
156	1.82½	3	444	148	810	270	2.85	285	484
156	1.83	2	325	163	594	297	2.08	285	485
312	2.50	1	298	298	746	746	0.95	784	486
313	.57	11	3,280	298	1,867	170	10.48	178	487
312	.41⅛	5	427	85	178	36	1.37	130	488
313	.55⅛	3	196	65	109	36	0.63	174	489
313	.50	1	307	307	153	153	0.98	156	490
313	.67	5	480	96	322	64	1.54	210	491
313	.60	1	290	290	169	169	0.93	182	492
156	.80⅛	21	1,198	57	962	46	7.68	125	493
156	.64	5	149	30	96	19	0.96	101	494
156	1.10½	2	253	127	279	140	1.62	172	495
156	1.25	1	144	144	177	177	0.92	192	496
313	1.21	7	801	114	969	138	2.55	379	497
313	1.20	4	1,179	295	1,417	354	3.77	376	498
156	.88⅛	9	224	25	198	22	1.44	138	499
156	.83⅛	23	1,615	70	1,350	59	10.35	130	500
313	.62½	1	202	202	126	126	0.65	195	501
313	.85	1	14	14	12	12	0.04	268	502
156	.75	1	114	114	89	89	0.73	122	503
313	.59½	7	915	131	546	78	2.92	187	504
313	.78⅓	33	3,401	103	2,665	81	10.86	245	505
72	.21⅓	30	1,924	64	416	14	26.73	16	506
313	.57½	2	588	294	337	169	1.88	179	507
289	1.27½	3	477	159	607	202	1.64	368	508
313	.94½	3	863	288	815	272	2.76	296	509
313	1.09½	11	3,416	311	3,739	340	10.91	343	510
182	1.26½	4	367	92	464	116	2.01	230	511
313	1.25	1	297	297	369	369	0.95	389	512
156	1.25	11	341	31	431	39	2.19	197	513
313	1.25	2	290	145	363	182	0.93	392	514
313	1.25	4	387	97	481	120	1.24	389	515
156	1.16½	4	147	37	172	43	0.94	183	516
156	.90	1	157	157	142	142	1.01	141	517
6	.73	1	6	6	4	4	1.00	4	518
6	.73	1	6	6	4	4	1.00	4	519
6	.81	1	6	6	5	5	1.00	5	520
156	1.09	19	1,325	70	1,444	76	8.50	170	521

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
522	92	Combers—concluded	Cotton textiles	Continent of Europe
523	17	do	Cotton yarns	Continent of Europe
524	18	do	Cotton yarns	Continent of Europe
525		do	Woollen and worsted textiles.	United States
526	42	do	Woollen and worsted textiles.	Continent of Europe
527		Creelers	Cotton textiles	Southern district, U. S.
528	12	Designers	Woollen and worsted textiles.	United States
529	16	do	Woollen and worsted textiles.	United States
530	21	do	Woollen and worsted textiles.	United States
531	24	do	Woollen and worsted textiles.	United States
532	26	do	Woollen and worsted textiles.	United States
533	37	do	Woollen and worsted textiles.	United States
534	40	do	Woollen and worsted textiles.	United States
535	1	Doffers	Cotton textiles	Northern district, U. S.
536	3	do	Cotton textiles	Northern district, U. S.
537	4	do	Cotton textiles	Northern district, U. S.
538	9	do	Cotton textiles	Northern district, U. S.
539	10	do	Cotton textiles	Northern district, U. S.
540	11	do	Cotton textiles	Northern district, U. S.
541	12	do	Cotton textiles	Northern district, U. S.
542	13	do	Cotton textiles	Northern district, U. S.
543	15	do	Cotton textiles	Northern district, U. S.
544	17	do	Cotton textiles	Northern district, U. S.
545	19	do	Cotton textiles	Northern district, U. S.
546	20	do	Cotton textiles	Northern district, U. S.
547	22	do	Cotton textiles	Northern district, U. S.
548	26	do	Cotton textiles	Northern district, U. S.
549	28	do	Cotton textiles	Northern district, U. S.
550	36	do	Cotton textiles	Northern district, U. S.
551	37	do	Cotton textiles	Northern district, U. S.
552	38	do	Cotton textiles	Northern district, U. S.
553	85	do	Cotton textiles	Northern district, U. S.
554	88	do	Cotton textiles	Northern district, U. S.
555		do	Cotton textiles	Northern district, U. S.
556	42	do	Cotton textiles	Southern district, U. S.
557	44	do	Cotton textiles	Southern district, U. S.
558	46	do	Cotton textiles	Southern district, U. S.
559	47	do	Cotton textiles	Southern district, U. S.
560	49	do	Cotton textiles	Southern district, U. S.
561	50	do	Cotton textiles	Southern district, U. S.
562	51	do	Cotton textiles	Southern district, U. S.
563	57	do	Cotton textiles	Southern district, U. S.
564	59	do	Cotton textiles	Southern district, U. S.
565	60	do	Cotton textiles	Southern district, U. S.
566	62	do	Cotton textiles	Southern district, U. S.
567	64	do	Cotton textiles	Southern district, U. S.
568	67	do	Cotton textiles	Southern district, U. S.
569	68	do	Cotton textiles	Southern district, U. S.
570	70	do	Cotton textiles	Southern district, U. S.
571		do	Cotton textiles	Southern district, U. S.
572	91	do	Cotton textiles	Continent of Europe
573	92	do	Cotton textiles	Continent of Europe
574	75	do	Cotton textiles	Great Britain
575	1	do	Cotton yarns	Northern district, U. S.
576		do	Cotton yarns	Northern district, U. S.
577	9	do	Cotton yarns	Southern district, U. S.
578	10	do	Cotton yarns	Southern district, U. S.
579	11	do	Cotton yarns	Southern district, U. S.
580	17	do	Cotton yarns	Continent of Europe
581	22	do	Cotton yarns	Great Britain
582	21	do	Woollen and worsted textiles.	United States
583	34	do	Woollen and worsted textiles.	United States
584		do	Woollen and worsted textiles.	United States
585		do	Woollen and worsted textiles.	United States
586	4	Doffers, head	Cotton textiles	Northern district, U. S.
587	9	do	Cotton textiles	Northern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
72	$0.64	5	321	64	$205	$41	4.47	$46	522
72	.33	4	257	64	84	21	3.57	24	523
78	.38	20	1,560	78	589	29	20.00	29	524
156	.83	15	1,567	104	1,304	87	10.04	130	525
313	.37	3	845	282	312	104	2.69	116	526
313	.34	43	4,038	94	1,369	32	12.90	106	527
156	1.95	3	176	59	343	114	1.13	304	528
156	3.61	1	152	152	549	549	0.97	563	529
313	3.42	2	615	308	2,104	1,052	1.96	1,071	530
313	1.78	2	503	252	895	448	1.61	557	531
162	3.87½	1	162	162	628	628	1.00	628	532
313	2.44½	1	262	262	640	640	0.84	765	533
156	2.50	1	148	148	369	369	0.95	389	534
156	.65½	13	1,173	90	771	59	7.53	103	535
156	.66	19	1,805	95	1,194	63	11.57	103	536
156	.60	40	4,592	115	2,747	69	29.43	93	537
156	.46½	21	1,296	62	602	29	8.30	72	538
156	.25½	38	4,030	106	1,026	27	25.83	40	539
313	.34½	21	3,804	181	1,304	62	12.15	107	540
313	.32½	41	6,141	150	2,010	49	19.62	102	541
156	.28½	38	3,221	85	925	24	20.64	45	542
156	.72½	80	4,856	61	3,525	44	31.13	113	543
313	.63	45	6,031	134	3,809	85	19.27	198	544
156	.73½	60	4,469	74	3,274	55	28.66	114	545
24	.60	12	296	25	178	15	12.34	14	546
313	.67	309	24,475	79	16,408	53	78.20	210	547
156	.93	12	1,289	107	1,197	100	8.26	145	548
156	.53½	117	9,064	77	4,832	41	58.09	83	549
313	.47½	35	3,850	110	1,834	52	12.31	149	550
313	.46	9	1,339	149	620	69	4.28	145	551
313	.78	10	2,373	237	1,846	185	7.58	243	552
156	.75	6	683	114	515	86	4.38	118	553
156	.58	21	1,208	58	698	33	7.75	90	554
156	.71½	46	3,449	75	2,474	54	22.10	112	555
313	.45	19	2,537	134	1,136	60	8.10	140	556
156	.40	44	3,067	70	1,226	28	19.65	62	557
312	.39½	56	7,638	136	3,017	54	24.48	123	558
294	.44	98	8,592	88	3,781	39	29.23	129	559
156	.43½	209	11,936	57	5,177	25	76.53	68	560
313	.45	20	3,002	150	1,349	67	9.59	141	561
313	.39½	21	2,124	101	839	40	6.78	124	562
313	.29	14	2,262	162	658	47	7.23	91	563
156	.32½	34	2,161	64	702	21	13.85	51	564
313	.33	27	4,839	179	1,588	59	15.48	103	565
313	.33⅓	44	9,636	219	3,219	73	30.77	105	566
313	.38	72	7,470	104	2,836	39	23.86	119	567
313	50	32	3,265	102	1,625	51	10.43	156	568
313	.43½	44	3,952	90	1,727	39	12.64	137	569
313	.28	44	6,833	155	1,926	44	21.83	88	570
313	.32	189	20,050	106	6,433	34	64.06	100	571
156	.19½	12	935	78	182	15	5.99	30	572
72	.25	70	4,689	67	1,173	17	65.13	18	573
78	.29	43	2,862	67	832	19	36.69	23	574
78	1.00	8	479	60	481	60	6.13	78	575
156	.75	48	3,982	83	2,992	62	25.52	117	576
313	.42	77	6,564	85	2,745	36	20.97	131	577
156	.40	53	2,953	56	1,179	22	18.93	62	578
313	.33½	16	3,148	197	1,052	66	10.04	105	579
72	.26	8	455	57	118	15	6.32	19	580
156	.37½	19	2,542	134	953	50	16.29	58	581
313	.50	8	704	88	352	44	2.25	157	582
313	.85½	6	1,383	231	1,184	197	4.42	268	583
156	.60	2	225	113	135	68	1.44	94	584
156	.50	26	2,912	112	1,463	56	18.67	78	585
156	1.41½	1	148	148	210	210	0.95	221	586
156	1.00	1	144	144	143	143	0.92	155	587

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
588	11	Doffers, head—concluded	Cotton textiles	Northern district, U. S.
589	13	....do	Cotton textiles	Northern district, U. S.
590	36	....do	Cotton textiles	Northern district, U. S.
591	37	....do	Cotton textiles	Northern district, U. S.
592	88	....do	Cotton textiles	Northern district, U. S.
593	49	....do	Cotton textiles	Southern district, U. S.
594	64	....do	Cotton textiles	Southern district, U. S.
595	75	....do	Cotton textiles	Great Britain
596	37	Doffer and elevator hand	Cotton textiles	Northern district, U. S.
597	37	Doffer and piecer	Cotton textiles	Northern district, U. S.
598	37	Doffer and repairer	Cotton textiles	Northern district, U. S.
599	37	Doffers and roving carriers	Cotton textiles	Northern district, U. S.
600	1	Drawers-in	Cotton textiles	Northern district, U. S.
601	3	....do	Cotton textiles	Northern district, U. S.
602	4	....do	Cotton textiles	Northern district, U. S.
603	9	....do	Cotton textiles	Northern district, U. S.
604	10	....do	Cotton textiles	Northern district, U. S.
605	11	....do	Cotton textiles	Northern district, U. S.
606	12	....do	Cotton textiles	Northern district, U. S.
607	13	....do	Cotton textiles	Northern district, U. S.
608	15	....do	Cotton textiles	Northern district, U. S.
609	17	....do	Cotton textiles	Northern district, U. S.
610	19	....do	Cotton textiles	Northern district, U. S.
611	20	....do	Cotton textiles	Northern district, U. S.
612	22	....do	Cotton textiles	Northern district, U. S.
613	26	....do	Cotton textiles	Northern district, U. S.
614	28	....do	Cotton textiles	Northern district, U. S.
615	36	....do	Cotton textiles	Northern district, U. S.
616	37	....do	Cotton textiles	Northern district, U. S.
617	88	....do	Cotton textiles	Northern district, U. S.
618		....do	Cotton textiles	Northern district, U. S.
619	42	....do	Cotton textiles	Southern district, U. S.
620	44	....do	Cotton textiles	Southern district, U. S.
621	46	....do	Cotton textiles	Southern district, U. S.
622	47	....do	Cotton textiles	Southern district, U. S.
623	49	....do	Cotton textiles	Southern district, U. S.
624	50	....do	Cotton textiles	Southern district, U. S.
625	51	....do	Cotton textiles	Southern district, U. S.
626	57	....do	Cotton textiles	Southern district, U. S.
627	59	....do	Cotton textiles	Southern district, U. S.
628	60	....do	Cotton textiles	Southern district, U. S.
629	62	....do	Cotton textiles	Southern district, U. S.
630	64	....do	Cotton textiles	Southern district, U. S.
631	67	....do	Cotton textiles	Southern district, U. S.
632	68	....do	Cotton textiles	Southern district, U. S.
633	70	....do	Cotton textiles	Southern district, U. S.
634		....do	Cotton textiles	Southern district, U. S.
635	71	....do	Cotton textiles	Continent of Europe
636	91	....do	Cotton textiles	Continent of Europe
637	92	....do	Cotton textiles	Continent of Europe
638		....do	Cotton textiles	Continent of Europe
639	72	....do	Cotton textiles	Great Britain
640	75	....do	Cotton textiles	Great Britain
641	3	....do	Woollen and worsted textiles	United States
642	7	....do	Woollen and worsted textiles	United States
643	8	....do	Woollen and worsted textiles	United States
644	12	....do	Woollen and worsted textiles	United States
645	16	....do	Woollen and worsted textiles	United States
646	21	....do	Woollen and worsted textiles	United States
647	24	....do	Woollen and worsted textiles	United States
648	26	....do	Woollen and worsted textiles	United States
649	34	....do	Woollen and worsted textiles	United States
650	36	....do	Woollen and worsted textiles	United States
651	37	....do	Woollen and worsted textiles	United States

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$0.60	1	274	274	$164	$164	0.88	$187	588
156	.70½	3	391	130	276	92	2.51	110	589
313	.93½	2	320	160	300	150	1.02	293	590
313	1.25	1	284	284	356	356	0.91	392	591
156	1.54	1	153	153	239	239	0.98	244	592
156	.77½	6	554	92	423	71	3.55	121	593
313	.78	1	203	203	159	159	0.65	245	594
78	.64½	2	144	72	93	47	1.85	50	595
313	.67½	1	114	114	77	77	0.36	211	596
313	.56½	1	307	307	173	173	0.98	176	597
313	.80	1	283	283	227	227	0.90	251	598
313	.52	2	445	223	232	116	1.42	163	599
156	(a)	12	(a)	(a)	1,047	87	(a)	(a)	600
156	.92½	10	857	86	794	79	5.49	145	601
156	.74½	19	2,015	106	1,500	79	12.91	116	602
156	.96½	2	281	141	271	136	1.80	150	603
156	.41	7	898	128	369	53	5.76	64	604
313	.50½	3	525	175	266	89	1.68	159	605
313	.70	5	1,038	208	735	147	3.32	222	606
156	.59	18	1,953	109	1,155	64	12.52	92	607
156	(a)	26	(a)	(a)	2,582	99	(a)	(a)	608
313	(a)	18	(a)	(a)	3,184	177	(a)	(a)	609
156	(a)	28	(a)	(a)	3,009	107	(a)	(a)	610
24	1.01	8	165	21	167	21	6.87	24	611
313	(a)	98	(a)	(a)	10,203	104	(a)	(a)	612
156	1.14½	12	1,304	109	1,492	124	8.36	178	613
156	.93	17	1,651	97	1,538	90	10.59	145	614
313	.76	4	510	128	387	97	1.63	238	615
313	(a)	8	(a)	(a)	2,233	279	(a)	(a)	616
156	1.42½	11	1,151	105	1,642	149	7.38	223	617
156	1.01½	18	1,263	70	1,285	71	8.10	159	618
313	.90	2	546	273	484	242	1.74	277	619
156	(a)	8	(a)	(a)	886	111	(a)	(a)	620
312	(a)	16	(a)	(a)	1,049	66	(a)	(a)	621
294	.72	65	7,154	110	5,140	79	24.33	211	622
156	1.25	2	140	70	175	88	0.90	195	623
313	(a)	5	(a)	(a)	944	189	(a)	(a)	624
313	(a)	2	(a)	(a)	324	162	(a)	(a)	625
313	.60	1	299	299	180	180	0.96	188	626
156	1.75	1	153	153	267	267	0.98	272	627
313	(a)	12	(a)	(a)	1,975	165	(a)	(a)	628
313	(a)	17	(a)	(a)	1,652	97	(a)	(a)	629
313	(a)	8	(a)	(a)	540	68	(a)	(a)	630
313	1.18	4	537	134	633	158	1.71	369	631
313	.62½	8	719	90	451	56	2.30	196	632
313	(a)	8	(a)	(a)	844	106	(a)	(a)	633
313	(a)	22	(a)	(a)	3,029	138	(a)	(a)	634
313	.45	14	3,665	262	1,647	118	11.71	141	635
156	(a)	11	(a)	(a)	849	77	(a)	(a)	636
72	(a)	29	(a)	(a)	931	32	(a)	(a)	637
313	.44	42	10,550	251	4,620	110	33.70	137	638
156	(a)	3	(a)	(a)	240	80	(a)	(a)	639
78	.93½	2	154	77	144	72	1.97	73	640
156	1.42	6	212	35	301	50	1.36	221	641
313	.90	4	700	175	629	157	2.23	281	642
313	1.00	3	318	106	313	104	1.02	308	643
156	1.25	1	122	122	153	153	0.78	196	644
156	.58½	3	425	142	249	83	2.72	91	645
313	.91	9	2,207	245	2,007	223	7.05	285	646
313	(a)	3	(a)	(a)	897	299	(a)	(a)	647
162	1.00½	4	439	110	442	111	2.71	163	648
313	.74½	2	503	252	374	187	1.61	233	649
72	1.66½	1	73	73	121	121	1.01	119	650
313	.45	4	487	122	220	55	1.56	141	651

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
652	40	Drawers-in—concluded	Woollen and worsted textiles.	United States
653		do	Woollen and worsted textiles.	United States
654		do	Woollen and worsted textiles.	United States
655		do	Woollen and worsted textiles.	United States
656		do	Woollen and worsted textiles.	United States
657		do	Woollen and worsted textiles.	United States
658		do	Woollen and worsted textiles.	United States
659		do	Woollen and worsted textiles.	United States
660	42	do	Woollen and worsted textiles.	Continent of Europe
661	1	Drawing-frame tenders	Cotton textiles	Northern district, U. S.
662	3	do	Cotton textiles	Northern district, U. S.
663	4	do	Cotton textiles	Northern district, U. S.
664	10	do	Cotton textiles	Northern district, U. S.
665	11	do	Cotton textiles	Northern district, U. S.
666	12	do	Cotton textiles	Northern district, U. S.
667	13	do	Cotton textiles	Northern district, U. S.
668	15	do	Cotton textiles	Northern district, U. S.
669	17	do	Cotton textiles	Northern district, U. S.
670	19	do	Cotton textiles	Northern district, U. S.
671	20	do	Cotton textiles	Northern district, U. S.
672	22	do	Cotton textiles	Northern district, U. S.
673	26	do	Cotton textiles	Northern district, U. S.
674	28	do	Cotton textiles	Northern district, U. S.
675	36	do	Cotton textiles	Northern district, U. S.
676	37	do	Cotton textiles	Northern district, U. S.
677	38	do	Cotton textiles	Northern district, U. S.
678	85	do	Cotton textiles	Northern district, U. S.
679	88	do	Cotton textiles	Northern district, U. S.
680		do	Cotton textiles	Northern district, U. S.
681	42	do	Cotton textiles	Southern district, U. S.
682	44	do	Cotton textiles	Southern district, U. S.
683	46	do	Cotton textiles	Southern district, U. S.
684	47	do	Cotton textiles	Southern district, U. S.
685	49	do	Cotton textiles	Southern district, U. S.
686	50	do	Cotton textiles	Southern district, U. S.
687	51	do	Cotton textiles	Southern district, U. S.
688	57	do	Cotton textiles	Southern district, U. S.
689	59	do	Cotton textiles	Southern district, U. S.
690	60	do	Cotton textiles	Southern district, U. S.
691	62	do	Cotton textiles	Southern district, U. S.
692	64	do	Cotton textiles	Southern district, U. S.
693	67	do	Cotton textiles	Southern district, U. S.
694	68	do	Cotton textiles	Southern district, U. S.
695	70	do	Cotton textiles	Southern district, U. S.
696		do	Cotton textiles	Southern district, U. S.
697	91	do	Cotton textiles	Continent of Europe
698	92	do	Cotton textiles	Continent of Europe
699	75	do	Cotton textiles	Great Britain
700	1	do	Cotton yarns	Northern district, U. S.
701		do	Cotton yarns	Northern district, U. S.
702	9	do	Cotton yarns	Southern district, U. S.
703	10	do	Cotton yarns	Southern district, U. S.
704	11	do	Cotton yarns	Southern district, U. S.
705	16	do	Cotton yarns	Continent of Europe
706	17	do	Cotton yarns	Continent of Europe
707	18	do	Cotton yarns	Continent of Europe
708	19	do	Cotton yarns	Great Britain
709	22	do	Cotton yarns	Great Britain
710	24	do	Cotton yarns	Great Britain
711	25	do	Cotton yarns	Great Britain
712	26	do	Cotton yarns	Great Britain
713	28	do	Cotton yarns	Great Britain
714		do	Cotton yarns	Great Britain
715		do	Woollen and worsted textiles.	United States

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$1.56⅔	4	362	91	$567	$142	2.32	$244	652
156	1.25	1	134	134	167	167	0.86	194	653
156	.87	4	522	131	454	114	3.35	136	654
156	1.56½	12	1,120	93	1,753	146	7.18	244	655
156	1.11	4	260	65	288	72	1.67	173	656
289	.95½	3	456	152	436	145	1.57	276	657
313	1.25	1	265	265	332	332	0.85	392	658
313	.83⅓	1	292	292	244	244	0.93	262	659
313	.37½	38	8,923	235	3,338	88	28.50	117	660
156	.80½	3	272	91	219	73	1.75	126	661
156	.73⅛	4	471	118	347	87	3.03	115	662
156	.76	7	813	116	617	88	5.22	118	663
156	.63½	3	437	146	271	90	2.80	97	664
313	.46½	5	1,064	213	494	99	3.40	145	665
313	.40	5	959	192	382	76	3.06	125	666
156	.54	9	617	69	333	37	3.95	84	667
156	.81	18	1,256	70	1,015	56	8.05	126	668
313	.67	42	2,728	65	1,830	44	8.71	210	669
156	.99½	22	1,945	88	1,932	88	12.47	155	670
24	.68	4	71	18	48	12	2.96	16	671
313	.69½	174	7,973	46	5,540	32	25.47	217	672
156	.70½	16	575	36	404	25	3.69	110	673
156	.69	35	3,201	91	2,202	63	20.52	107	674
313	.71	7	1,226	175	862	123	3.92	220	675
313	.79	17	2,366	139	1,878	110	7.56	248	676
313	.91½	10	2,169	217	2,005	201	6.93	289	677
156	.88	7	917	131	807	115	5.88	137	678
156	.72½	8	428	54	310	39	2.74	113	679
156	.79	10	610	61	486	49	3.91	124	680
313	.54	12	1,071	89	577	48	3.43	169	681
156	.64	12	879	73	562	47	5.63	100	682
312	.72	24	2,165	90	1,561	65	6.94	225	683
294	.66½	49	2,017	41	1,346	27	6.87	196	684
156	.53⅛	21	1,762	84	943	45	11.30	83	685
313	.44½	10	855	86	380	38	2.73	139	686
313	.62½	2	326	163	203	102	1.04	195	687
313	.47	4	935	234	440	110	2.99	147	688
156	.50	3	446	149	225	75	2.86	79	689
313	.49	24	2,506	104	1,224	51	8.00	153	690
313	.33	19	3,995	210	1,326	70	12.77	104	691
313	.60	8	1,254	157	755	94	4.00	188	692
313	.53½	15	1,119	75	598	40	3.57	167	693
313	.60	3	392	131	245	82	1.25	196	694
313	.52	5	969	194	502	100	3.10	162	695
313	.53	35	3,276	94	1,738	50	10.46	166	696
156	.42	29	3,157	109	1,330	46	20.24	66	697
72	.35½	28	1,842	66	652	23	25.59	25	698
78	.71	10	694	69	493	49	8.90	55	699
78	.75	10	710	71	538	54	9.10	59	700
156	.85½	27	2,275	84	1,941	72	14.57	133	701
313	.63⅛	28	751	27	478	17	2.40	199	702
156	.71	3	276	92	196	65	1.77	111	703
313	.41	11	1,385	126	567	52	4.43	128	704
72	.24½	13	759	58	185	14	10.54	18	705
72	.33	7	387	55	128	18	5.37	24	706
78	.30	35	2,730	78	825	24	35.00	24	707
78	.79	3	225	75	178	59	2.88	62	708
156	(a)	6	(a)	(a)	403	67	(a)	(a)	709
6	.76	9	54	6	41	5	9.00	5	710
6	.78⅓	7	42	6	33	5	7.00	5	711
6	.76	9	54	6	41	5	9.00	5	712
156	.68¼	9	1,207	134	827	92	7.74	107	713
78	.78⅓	3	222	74	174	58	2.85	61	714
156	.74	51	5,611	110	4,155	81	35.98	116	715

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
716	42	Drawing-frame tenders-conc'd	Woollen and worsted textiles.	Continent of Europe.
717		....do	Linen yarns	Continent of Europe.
718	64	Drawing-frame tenders and railway hands.	Cotton textiles	Southern district, U. S.
719	22	Dressers	Cotton textiles	Northern district, U. S.
720	3	....do	Woollen and worsted textiles.	United States.
721	7	....do	Woollen and worsted textiles.	United States.
722	8	....do	Woollen and worsted textiles.	United States.
723	12	....do	Woollen and worsted textiles.	United States.
724	15	....do	Woollen and worsted textiles.	United States.
725	21	....do	Woollen and worsted textiles.	United States.
726	24	....do	Woollen and worsted textiles.	United States.
727	36	....do	Woollen and worsted textiles.	United States.
728	37	....do	Woollen and worsted textiles.	United States.
729	40	....do	Woollen and worsted textiles.	United States.
730		....do	Woollen and worsted textiles.	United States.
731		....do	Woollen and worsted textiles.	United States.
732		....do	Woollen and worsted textiles.	United States.
733		....do	Woollen and worsted textiles.	United States.
734	42	....do	Woollen and worsted textiles.	Continent of Europe.
735	3	Dressing-room hands	Cotton textiles	Northern district, U. S.
736	22	....do	Cotton textiles	Northern district, U. S.
737	28	....do	Cotton textiles	Northern district, U. S.
738	57	....do	Cotton textiles	Southern district, U. S.
739	59	....do	Cotton textiles	Southern district, U. S.
740	21	....do	Woollen and worsted textiles.	United States.
741	38	Driers	Cotton textiles	Northern district, U. S.
742		....do	Cotton textiles	Southern district, U. S.
743	3	....do	Woollen and worsted textiles.	United States.
744	7	....do	Woollen and worsted textiles.	United States.
745	8	....do	Woollen and worsted textiles.	United States.
746	15	....do	Woollen and worsted textiles.	United States.
747	16	....do	Woollen and worsted textiles.	United States.
748	21	....do	Woollen and worsted textiles.	United States.
749	26	....do	Woollen and worsted textiles.	United States.
750		....do	Woollen and worsted textiles.	United States.
751		....do	Woollen and worsted textiles.	United States.
752		....do	Woollen and worsted textiles.	United States.
753		....do	Woollen and worsted textiles.	United States.
754		....do	Linen yarns	Continent of Europe.
755	62	Drivers	Cotton textiles	Southern district, U. S.
756	70	....do	Cotton textiles	Southern district, U. S.
757	11	....do	Cotton yarns	Southern district, U. S.
758	47	Dyeing-room hands	Cotton textiles	Southern district, U. S.
759	59	....do	Cotton textiles	Southern district, U. S.
760	64	....do	Cotton textiles	Southern district, U. S.
761		....do	Cotton textiles	Southern district, U. S.
762	3	....do	Woollen and worsted textiles.	United States.
763	7	....do	Woollen and worsted textiles.	United States.
764	16	....do	Woollen and worsted textiles.	United States.
765	26	....do	Woollen and worsted textiles.	United States.
766	34	....do	Woollen and worsted textiles.	United States.
767	40	....do	Woollen and worsted textiles.	United States.
768		....do	Woollen and worsted textiles.	United States.
769		....do	Woollen and worsted textiles.	United States.
770	16	Dyeing-room hand and watchman.	Cotton textiles	Northern district, U. S.
771	38	Dyers	Cotton textiles	Northern district, U. S.
772	82	....do	Cotton textiles	Northern district, U. S.
773	85	....do	Cotton textiles	Southern district, U. S.
774	57	....do	Cotton textiles	Southern district, U. S.
775	59	....do	Cotton textiles	Southern district, U. S.
776	67	....do	Woollen and worsted textiles.	United States.
777	8	....do		

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$0.36	10	2,506	251	$900	$90	8.01	$112	716
313	.30½	119	19,555	164	5,952	50	62.48	95	717
313	.53	6	727	121	386	64	2.32	166	718
313	1.45	18	3,252	181	4,716	262	10.39	454	719
156	1.79½	2	294	147	527	264	1.88	280	720
313	1.64½	3	849	283	1,395	465	2.71	514	721
313	1.75	3	379	126	663	221	1.21	548	722
156	1.83½	2	263	132	483	242	1.69	286	723
313	1.87½	2	614	307	1,150	575	1.96	586	724
313	1.65½	8	2,260	283	3,744	468	7.22	519	725
313	1.50	2	537	269	806	403	1.72	470	726
72	2.15	2	138	69	297	149	1.91	155	727
313	2.13½	14	1,036	74	2,212	158	3.30	668	728
156	1.75	7	685	98	1,199	171	4.39	273	729
156	1.38	3	433	144	598	199	2.78	215	730
156	2.50	1	140	140	350	350	0.90	390	731
289	2.25	1	259	259	582	582	0.90	649	732
313	1.40	1	259	259	362	362	0.83	437	733
313	.34	8	1,342	168	453	57	4.29	106	734
156	.97½	4	304	76	296	74	1.95	152	735
313	1.07	55	2,959	54	3,168	58	9.46	335	736
156	1.21½	23	1,248	54	1,515	66	7.99	189	737
313	.35½	8	1,076	135	383	48	3.43	111	738
156	.78	1	78	78	61	61	0.50	122	739
313	1.30	1	312	312	405	405	1.00	406	740
313	1.50	1	303	303	455	455	0.97	470	741
313	.68½	7	627	90	429	61	2.00	214	742
156	1.50	1	152	152	229	229	0.97	235	743
313	1.25	1	255	255	319	319	0.81	392	744
313	1.00	3	291	97	291	97	0.93	313	745
313	1.05½	2	389	195	410	205	1.24	330	746
156	1.50	1	152	152	228	228	0.97	234	747
313	1.02	12	2,243	187	2,283	190	7.17	319	748
162	.65	1	142	142	92	92	0.88	105	749
156	.46	3	443	148	203	68	2.84	71	750
156	1.15	1	155	155	178	178	0.99	179	751
156	.94½	5	537	107	507	101	3.45	147	752
289	.55	4	211	53	116	29	0.73	159	753
313	.53	57	12,682	222	6,750	118	40.51	167	754
313	.77	5	1,245	249	958	192	3.98	241	755
313	1.25	1	312	312	390	390	1.00	391	756
313	.65	4	575	144	375	94	1.84	204	757
294	1.20½	17	2,638	155	3,182	187	8.98	355	758
156	1.04½	4	464	116	485	121	2.97	163	759
313	1.01½	8	840	105	853	107	2.69	318	760
313	1.01	20	3,715	186	3,748	187	11.86	316	761
156	1.32	8	465	58	614	77	2.98	206	762
313	1.25	6	1,492	249	1,865	311	4.77	391	763
156	1.38	10	1,511	151	2,084	208	9.69	215	764
162	1.02	7	721	103	737	105	4.46	166	765
313	1.25	9	2,200	244	2,749	305	7.03	391	766
156	1.00	19	1,156	61	1,156	61	7.41	156	767
156	1.03½	9	978	109	1,014	113	6.27	162	768
156	1.13	9	885	98	999	111	5.68	176	769
182	1.30	1	178	178	231	231	0.98	236	770
313	1.59½	9	2,450	272	3,906	434	7.82	499	771
156	1.57	13	1,596	123	2,503	193	10.24	245	772
156	1.33½	14	1,299	93	1,729	124	8.33	208	773
313	.75	2	495	248	372	186	1.58	235	774
156	3.33½	1	156	156	510	510	1.00	510	775
313	(a)	28	(a)	(a)	2,076	74	(a)	(a)	776
313	1.25	1	301	301	376	376	0.96	391	777

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
778	12	Dyers—concluded	Woollen and worsted textiles.	United States
779	15	....do	Woollen and worsted textiles.	United States
780	21	....do	Woollen and worsted textiles.	United States
781	24	....do	Woollen and worsted textiles.	United States
782	36	....do	Woollen and worsted textiles.	United States
783		....do	Woollen and worsted textiles.	United States
784		....do	Woollen and worsted textiles.	United States
785		....do	Woollen and worsted textiles.	United States
786		....do	Woollen and worsted textiles.	United States
787		....do	Woollen and worsted textiles.	United States
788	46	Electric light tender	Cotton textiles	Southern district, U. S.
789	3	Elevator hands	Cotton textiles	Northern district, U. S.
790	4	....do	Cotton textiles	Northern district, U. S.
791	10	....do	Cotton textiles	Northern district, U. S.
792	11	....do	Cotton textiles	Northern district, U. S.
793	12	....do	Cotton textiles	Northern district, U. S.
794	13	....do	Cotton textiles	Northern district, U. S.
795	15	....do	Cotton textiles	Northern district, U. S.
796	19	....do	Cotton textiles	Northern district, U. S.
797	22	....do	Cotton textiles	Northern district, U. S.
798	28	....do	Cotton textiles	Northern district, U. S.
799	36	....do	Cotton textiles	Northern district, U. S.
800	37	....do	Cotton textiles	Northern district, U. S.
801	88	....do	Cotton textiles	Northern district, U. S.
802		....do	Cotton textiles	Northern district, U. S.
803	46	....do	Cotton textiles	Southern district, U. S.
804	49	....do	Cotton textiles	Southern district, U. S.
805	50	....do	Cotton textiles	Southern district, U. S.
806	51	....do	Cotton textiles	Southern district, U. S.
807	57	....do	Cotton textiles	Southern district, U. S.
808	60	....do	Cotton textiles	Southern district, U. S.
809	62	....do	Cotton textiles	Southern district, U. S.
810	64	....do	Cotton textiles	Southern district, U. S.
811	67	....do	Cotton textiles	Southern district, U. S.
812	68	....do	Cotton textiles	Southern district, U. S.
813	70	....do	Cotton textiles	Southern district, U. S.
814		....do	Cotton textiles	Southern district, U. S.
815	75	....do	Cotton textiles	Great Britain
816		....do	Cotton yarns	Northern district, U. S.
817	10	....do	Cotton yarns	Southern district, U. S.
818		....do	Woollen and worsted textiles.	United States
819	70	Elevator hand and filling carrier.	Cotton textiles	Southern district, U. S.
820	1	Engineers	Cotton textiles	Northern district, U. S.
821	10	....do	Cotton textiles	Northern district, U. S.
822	15	....do	Cotton textiles	Northern district, U. S.
823	17	....do	Cotton textiles	Northern district, U. S.
824	19	....do	Cotton textiles	Northern district, U. S.
825	20	....do	Cotton textiles	Northern district, U. S.
826	26	....do	Cotton textiles	Northern district, U. S.
827	28	....do	Cotton textiles	Northern district, U. S.
828	36	....do	Cotton textiles	Northern district, U. S.
829	37	....do	Cotton textiles	Northern district, U. S.
830	38	....do	Cotton textiles	Northern district, U. S.
831	82	....do	Cotton textiles	Northern district, U. S.
832	85	....do	Cotton textiles	Northern district, U. S.
833	88	....do	Cotton textiles	Northern district, U. S.
834		....do	Cotton textiles	Northern district, U. S.
835	44	....do	Cotton textiles	Southern district, U. S.
836	49	....do	Cotton textiles	Southern district, U. S.
837	51	....do	Cotton textiles	Southern district, U. S.
838	57	....do	Cotton textiles	Southern district, U. S.
839	59	....do	Cotton textiles	Southern district, U. S.
840	60	....do	Cotton textiles	Southern district, U. S.
841	64	....do	Cotton textiles	Southern district, U. S.
842	63	....do	Cotton textiles	Southern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$1.20	6	802	134	$963	$161	5.14	$187	778
313	1.72	1	341	341	586	586	1.09	538	779
313	1.17	30	2,742	91	3,202	107	8.76	366	780
313	1.12½	10	2,585	259	2,912	291	8.27	353	781
72	1.33⅓	3	220	73	295	98	3.06	97	782
156	1.20½	67	7,362	110	8,869	132	47.20	188	783
156	2.00	2	311	156	621	311	1.99	311	784
158	1.25	1	151	151	188	188	0.96	197	785
289	1.40	5	1,054	211	1,464	293	3.65	401	786
313	1.41	6	1,079	180	1,519	253	3.45	441	787
312	1.25	1	290	290	366	366	0.93	394	788
156	1.10	1	123	123	135	135	0.79	171	789
156	1.21½	2	268	134	326	163	1.71	190	790
156	.88½	2	310	155	274	137	1.98	138	791
313	.60	1	277	277	169	169	0.88	191	792
313	.85	2	311	156	264	132	0.99	266	793
156	.65	1	55	55	36	36	0.35	102	794
156	1.03	4	461	115	475	119	2.96	161	795
156	1.11½	4	435	109	486	122	2.79	174	796
313	.97½	5	504	101	491	98	1.61	305	797
156	.85	1	132	132	109	109	0.85	129	798
313	1.00	1	257	257	257	257	0.82	313	799
313	1.01	2	368	184	371	186	1.17	316	800
156	.99½	3	298	99	296	99	1.91	155	801
156	1.05	4	300	75	315	79	1.92	164	802
312	.68	3	587	196	399	133	1.89	212	803
156	1.00	2	157	79	157	79	1.01	156	804
313	.80	1	263	263	208	208	0.84	248	805
313	.73⅓	4	272	68	200	50	0.87	230	806
313	.75	1	255	255	191	191	0.81	234	807
313	.64½	4	492	123	318	80	1.58	202	808
313	.65	2	587	294	379	190	1.88	202	809
313	.75	1	287	287	215	215	0.92	234	810
313	.83½	1	306	306	255	255	0.98	261	811
313	.96	2	333	167	319	160	1.06	300	812
313	.59	4	114	29	67	17	0.36	184	813
313	.80	4	268	67	214	54	0.86	250	814
78	.74½	1	87	87	65	65	1.12	58	815
156	1.01½	5	315	63	320	64	2.02	158	816
156	.67	3	85	28	57	19	0.55	105	817
156	.93	1	153	153	142	142	0.98	145	818
313	.75	1	133	133	99	99	0.42	233	819
156	1.83⅓	1	159	159	291	291	1.02	286	820
156	1.37½	1	153	153	210	210	0.98	214	821
156	3.25	2	300	150	975	488	1.92	507	822
313	3.16½	1	310	310	963	963	0.99	972	823
156	2.80	2	312	156	874	437	2.00	437	824
24	2.00	1	24	24	48	48	1.00	48	825
156	2.50	1	165	165	413	413	1.06	390	826
156	2.30	2	326	163	750	375	2.09	359	827
313	3.06⅔	1	313	313	980	980	1.00	980	828
313	5.57½	1	183	183	1,020	1,020	0.58	1,745	829
313	2.58½	2	614	307	1,586	793	1.96	808	830
156	2.29	2	314	157	720	360	2.01	358	831
156	2.21	1	157	157	344	344	1.01	342	832
156	2.90½	1	155	155	450	450	0.99	453	833
156	2.50	1	156	156	390	390	1.00	390	834
156	5.00	1	156	156	780	780	1.00	780	835
156	4.18	2	155	78	648	324	0.99	652	836
313	1.35½	1	333	333	451	451	1.06	424	837
313	1.50	1	309	309	464	464	0.99	470	838
156	3.00	1	169	169	508	508	1.08	469	839
313	1.50	1	310	310	465	465	0.99	470	840
313	3.06½	1	312	312	960	960	1.00	963	841
313	1.25	1	299	299	374	374	0.96	392	842

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
843	70	Engineers—concluded	Cotton textiles	Southern district, U. S.
844		do	Cotton textiles	Southern district, U. S.
845	91	do	Cotton textiles	Continent of Europe
846	92	do	Cotton textiles	Continent of Europe
847		do	Cotton textiles	Continent of Europe
848	72	do	Cotton textiles	Great Britain
849	75	do	Cotton textiles	Great Britain
850	1	do	Cotton yarns	Northern district, U. S.
851	9	do	Cotton yarns	Southern district, U. S.
852	10	do	Cotton yarns	Southern district, U. S.
853	17	do	Cotton yarns	Continent of Europe
854	18	do	Cotton yarns	Continent of Europe
855	22	do	Cotton yarns	Great Britain
856	24	do	Cotton yarns	Great Britain
857	25	do	Cotton yarns	Great Britain
858	26	do	Cotton yarns	Great Britain
859	28	do	Cotton yarns	Great Britain
860	12	do	Woollen and worsted textiles	United States
861	15	do	Woollen and worsted textiles	United States
862	16	do	Woollen and worsted textiles	United States
863	24	do	Woollen and worsted textiles	United States
864	34	do	Woollen and worsted textiles	United States
865	40	do	Woollen and worsted textiles	United States
866		do	Woollen and worsted textiles	United States
867		do	Woollen and worsted textiles	United States
868		do	Woollen and worsted textiles	United States
869		do	Woollen and worsted textiles	United States
870		do	Woollen and worsted textiles	United States
871		do	Woollen and worsted textiles	United States
872		do	Woollen and worsted textiles	United States
873	42	do	Woollen and worsted textiles	Continent of Europe
874		do	Linen textiles	Continent of Europe
875		do	Linen yarns	Continent of Europe
876	4	do	Silk textiles	Continent of Europe
877	36	Engineers, assistant	Cotton textiles	Northern district, U. S.
878	37	do	Cotton textiles	Northern district, U. S.
879	91	do	Cotton textiles	Continent of Europe
880	36	Engineer and fireman	Woollen and worsted textiles	United States
881	42	Engineer and machinist	Cotton textiles	Southern district, U. S.
882	15	Engineers' helpers	Cotton textiles	Northern district, U. S.
883	49	do	Cotton textiles	Southern district, U. S.
884	75	do	Cotton textiles	Great Britain
885	42	do	Woollen and worsted textiles	Continent of Europe
886	3	Filling carriers	Cotton textiles	Northern district, U. S.
887	4	do	Cotton textiles	Northern district, U. S.
888	9	do	Cotton textiles	Northern district, U. S.
889	10	do	Cotton textiles	Northern district, U. S.
890	11	do	Cotton textiles	Northern district, U. S.
891	12	do	Cotton textiles	Northern district, U. S.
892	13	do	Cotton textiles	Northern district, U. S.
893	15	do	Cotton textiles	Northern district, U. S.
894	19	do	Cotton textiles	Northern district, U. S.
895	20	do	Cotton textiles	Northern district, U. S.
896	26	do	Cotton textiles	Northern district, U. S.
897	28	do	Cotton textiles	Northern district, U. S.
898	36	do	Cotton textiles	Northern district, U. S.
899		do	Cotton textiles	Northern district, U. S.
900	42	do	Cotton textiles	Southern district, U. S.
901	44	do	Cotton textiles	Southern district, U. S.
902	46	do	Cotton textiles	Southern district, U. S.
903	47	do	Cotton textiles	Southern district, U. S.
904	49	do	Cotton textiles	Southern district, U. S.
905	50	do	Cotton textiles	Southern district, U. S.
906	51	do	Cotton textiles	Southern district, U. S.
907	60	do	Cotton textiles	Southern district, U. S.
908	62	do	Cotton textiles	Southern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$2.75	1	317	317	$872	$872	1.01	$861	843
313	4.44	2	608	304	2,700	1,350	1.94	1,390	844
156	1.41½	2	180	90	255	128	1.15	221	845
72	.81½	5	430	86	350	70	5.98	59	846
313	.55	4	1,240	310	685	171	3.96	173	847
156	1.32	1	170	170	224	224	1.09	206	848
78	1.56½	2	156	78	244	122	2.00	122	849
78	2.50	1	81	81	203	203	1.04	195	850
313	2.50	1	322	322	806	806	1.03	783	851
156	1.50	1	152	152	228	228	0.97	234	852
72	.65½	1	72	72	47	47	1.00	47	853
78	.92½	4	312	78	289	72	4.00	72	854
156	1.27½	1	192	192	245	245	1.23	199	855
6	1.21½	1	6	6	7	7	1.00	7	856
6	1.62	1	6	6	10	10	1.00	10	857
6	1.83½	2	12	6	22	11	2.00	11	858
156	1.82½	1	156	156	285	285	1.00	285	859
156	2.66½	1	156	156	416	416	1.00	416	860
313	1.53	1	293	293	449	449	0.94	480	861
156	3.50	1	153	153	534	534	0.98	544	862
313	1.75	1	292	292	510	510	0.93	547	863
313	1.83½	1	280	280	513	513	0.89	573	864
156	2.38	1	172	172	409	409	1.10	371	865
156	2.50	1	154	154	384	384	0.99	389	866
156	2.15	1	158	158	340	340	1.01	336	867
156	4.84	1	155	155	750	750	0.99	755	868
158	1.40	1	162	162	227	227	1.03	221	869
337	2.05½	1	321	321	660	660	0.95	693	870
313	3.00	1	317	317	951	951	1.01	939	871
313	2.75	1	311	311	856	856	0.99	862	872
313	.89	6	2,003	334	1,783	297	6.40	279	873
144	.59	1	144	144	85	85	1.00	85	874
313	.76½	4	1,122	281	858	215	3.58	239	875
313	.96½	1	342	342	330	330	1.09	302	876
313	1.75	2	278	139	489	245	0.89	551	877
313	2.11	1	307	307	660	660	0.98	673	878
156	.62½	2	393	197	245	123	2.52	97	879
84	2.00	1	94	94	188	188	1.12	168	880
313	3.50	1	254	254	889	889	0.81	1,096	881
156	1.04	1	164	164	171	171	1.05	163	882
182	1.50	11	689	63	1,032	94	3.79	273	883
78	.65	1	97	97	63	63	1.24	51	884
313	.48½	2	281	141	135	68	0.90	150	885
156	1.20	1	149	149	179	179	0.96	187	886
156	1.25	1	151	151	189	189	0.97	195	887
156	1.00	2	87	44	87	44	0.56	156	888
156	.46	1	153	153	71	71	0.98	72	889
313	.50	1	253	253	127	127	0.81	157	890
313	.41½	3	584	195	241	80	1.86	129	891
156	.69	3	427	142	294	98	2.74	107	892
156	1.01½	4	457	114	463	116	2.93	158	893
156	1.10	6	476	79	524	87	3.05	172	894
24	1.00	1	24	24	24	24	1.00	24	895
156	1.15	3	302	101	347	116	1.94	179	896
156	1.07	15	928	62	991	66	5.94	167	897
313	.62½	1	141	141	88	88	0.45	195	898
156	1.10	2	303	152	334	167	1.94	172	899
313	.63	17	639	38	404	24	2.04	198	900
156	.75	3	264	88	198	66	1.69	117	901
312	.79	12	505	42	399	33	1.62	247	902
294	.95	10	1,181	118	1,119	112	4.02	279	903
156	.51½	53	1,962	37	1,008	19	12.58	80	904
313	.72½	2	414	207	301	151	1.32	228	905
313	.55	3	183	61	101	34	0.59	173	906
313	.55½	3	495	165	275	92	1.59	174	907
313	.53½	3	702	234	376	125	2.25	168	908

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presented.]

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
909	64	Filling carriers—concluded	Cotton textiles	Southern district, U. S.
910	67	do	Cotton textiles	Southern district, U. S.
911	70	do	Cotton textiles	Southern district, U. S.
912		do	Cotton textiles	Southern district, U. S.
913	71	do	Cotton textiles	Continent of Europe.
914	75	do	Cotton textiles	Great Britain.
915	8	do	Woollen and worsted textiles	United States.
916	12	do	Woollen and worsted textiles	United States.
917	21	do	Woollen and worsted textiles	United States.
918	24	do	Woollen and worsted textiles	United States.
919	26	do	Woollen and worsted textiles	United States.
920	36	do	Woollen and worsted textiles	United States.
921	40	do	Woollen and worsted textiles	United States.
922		do	Woollen and worsted textiles	United States.
923		do	Woollen and worsted textiles	United States.
924		do	Woollen and worsted textiles	United States.
925		do	Woollen and worsted textiles	United States.
926		do	Woollen and worsted textiles	United States.
927		do	Cotton textiles	Northern district, U. S.
928	82	Finishers	Cotton textiles	Southern district, U. S.
929	59	do	Cotton textiles	Southern district, U. S.
930	67	do	Cotton textiles	Continent of Europe.
931	93	do	Woollen and worsted textiles	United States.
932	15	do	Woollen and worsted textiles	United States.
933	24	do	Woollen and worsted textiles	United States.
934	36	do	Woollen and worsted textiles	United States.
935		do	Woollen and worsted textiles	United States.
936		do	Woollen and worsted textiles	United States.
937		do	Woollen and worsted textiles	United States.
938		do	Woollen and worsted textiles	United States.
939		do	Woollen and worsted textiles	Continent of Europe.
940	42	do	Woollen and worsted textiles	Continent of Europe.
941		do	Woollen and worsted textiles	Continent of Europe.
942		do	Linen textiles	Continent of Europe.
943	4	do	Silk textiles	Continent of Europe.
944		Finishers and measurers	Woollen and worsted textiles	United States.
945	7	Finishing-room hands	Woollen and worsted textiles	United States.
946		do	Woollen and worsted textiles	United States.
947		do	Cotton textiles	Northern district, U. S.
948	1	Firemen	Cotton textiles	Northern district, U. S.
949	3	do	Cotton textiles	Northern district, U. S.
950	10	do	Cotton textiles	Northern district, U. S.
951	11	do	Cotton textiles	Northern district, U. S.
952	12	do	Cotton textiles	Northern district, U. S.
953	13	do	Cotton textiles	Northern district, U. S.
954	15	do	Cotton textiles	Northern district, U. S.
955	17	do	Cotton textiles	Northern district, U. S.
956	19	do	Cotton textiles	Northern district, U. S.
957	20	do	Cotton textiles	Northern district, U. S.
958	26	do	Cotton textiles	Northern district, U. S.
959	28	do	Cotton textiles	Northern district, U. S.
960	36	do	Cotton textiles	Northern district, U. S.
961	37	do	Cotton textiles	Northern district, U. S.
962	38	do	Cotton textiles	Northern district, U. S.
963	82	do	Cotton textiles	Northern district, U. S.
964	88	do	Cotton textiles	Northern district, U. S.
965		do	Cotton textiles	Southern district, U. S.
966	42	do	Cotton textiles	Southern district, U. S.
967	44	do	Cotton textiles	Southern district, U. S.
968	46	do	Cotton textiles	Southern district, U. S.
969	47	do	Cotton textiles	Southern district, U. S.
970	49	do	Cotton textiles	Southern district, U. S.
971	50	do	Cotton textiles	Southern district, U. S.
972	51	do	Cotton textiles	Southern district, U. S.
973	57	do	Cotton textiles	Southern district, U. S.
974	59	do	Cotton textiles	Southern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to [illegible] of these numbers, note should be taken of the industry, as a new series of numbers is used [illegible]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$0.49½	6	316	53	$156	$26	1.61	$155	909
313	.77½	24	845	35	604	25	2.70	224	910
313	.88½	5	552	110	449	90	1.76	255	911
313	.47	49	3,213	66	1,545	31	10.26	145	912
313	.55½	1	293	293	163	163	0.94	174	913
78	.48½	1	89	89	43	43	1.14	38	914
313	.75	3	103	34	75	25	0.33	228	915
156	1.46½	1	137	137	201	201	0.88	229	916
313	1.11½	8	1,547	193	1,771	221	4.94	358	917
313	.96	2	535	268	502	251	1.71	294	918
152	1.50	2	302	151	305	153	1.86	164	919
72	.93½	1	67	67	56	56	0.92	60	920
156	1.53½	2	307	154	472	236	1.97	240	921
156	.75	2	158	79	117	59	1.01	116	922
156	.21	11	739	67	606	55	4.74	127	923
156	1.31½	1	139	139	183	183	0.89	205	924
313	1.33½	2	521	261	696	348	1.80	386	925
313	1.50	1	176	176	264	264	0.56	470	926
313	.62½	2	402	201	251	126	1.28	195	927
156	1.91½	2	290	145	556	278	1.86	299	928
156	1.03½	3	356	119	482	161	2.29	211	929
313	.77	1	71	71	55	55	0.24	233	930
313	.36½	3	613	204	225	75	1.96	115	931
313	1.50	2	543	272	808	404	1.73	466	932
313	1.19	12	1,878	157	2,238	187	6.01	373	933
78	1.21	7	524	75	635	91	7.28	87	934
156	1.67	3	209	70	224	75	1.34	167	935
156	.93½	12	1,357	113	1,271	106	8.70	146	936
260	.82½	6	484	81	399	67	1.67	238	937
313	1.23½	10	1,934	193	2,330	233	6.18	377	938
313	.83½	1	133	133	110	110	0.42	259	939
313	.38	13	3,726	287	1,409	108	11.90	118	940
156	.37	9	1,404	156	518	58	9.00	58	941
144	.23½	2	288	144	68	34	2.00	34	942
313	.37½	54	13,136	243	4,965	91	42.97	117	943
156	.56½	4	624	156	359	90	4.00	90	944
313	.87	15	2,728	182	2,372	158	8.72	272	945
156	1.00½	6	591	99	593	99	3.79	157	946
156	.99	22	2,026	92	2,007	91	12.97	155	947
182	1.38	2	199	100	255	128	1.09	233	948
182	1.52	2	365	183	555	278	2.01	277	949
156	1.37½	1	156	156	214	214	1.00	214	950
313	1.25	1	308	308	385	385	0.98	391	951
313	1.25	2	402	201	490	245	1.28	382	952
156	1.00	1	142	142	142	142	0.91	156	953
182	1.45½	6	900	150	1,310	218	4.95	265	954
305	1.52½	3	378	126	576	192	1.04	556	955
156	1.50	2	353	177	529	265	2.26	234	956
24	1.46	3	50	17	73	24	2.08	35	957
182	1.90	1	180	180	342	342	0.99	346	958
182	1.87	6	746	124	1,396	233	4.10	341	959
330	1.38	3	1,011	337	1,394	465	3.06	456	960
313	1.37	6	1,433	239	1,965	328	4.57	429	961
313	1.66½	1	304	304	506	506	0.97	521	962
156	.50	2	289	145	145	73	1.85	78	963
156	1.41½	2	383	192	534	267	2.46	218	964
160	1.45	3	360	120	522	174	2.13	245	965
313	1.25	1	347	347	434	434	1.11	391	966
156	1.37½	2	287	144	394	197	1.84	214	967
312	1.25	1	302	302	377	377	0.97	389	968
294	1.50	1	293	293	439	439	1.00	440	969
182	2.00	4	365	91	729	182	2.01	364	970
365	1.50	1	354	354	531	531	0.97	548	971
365	1.25	1	397	397	483	483	1.09	444	972
313	1.25	1	292	292	365	365	0.93	391	973
156	1.25	1	158	158	198	198	1.01	195	974

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
975	60	Firemen—concluded	Cotton textiles	Southern district, U. S.
976	62	....do	Cotton textiles	Southern district, U. S.
977	64	....do	Cotton textiles	Southern district, U. S.
978	67	....do	Cotton textiles	Southern district, U. S.
979	70	....do	Cotton textiles	Southern district, U. S.
980		....do	Cotton textiles	Continent of Europe.
981	71	....do	Cotton textiles	Continent of Europe.
982	91	....do	Cotton textiles	Continent of Europe.
983	92	....do	Cotton textiles	Continent of Europe.
984	93	....do	Cotton textiles	Continent of Europe.
985		....do	Cotton textiles	Great Britain.
986	72	....do	Cotton textiles	Great Britain.
987	75	....do	Cotton yarns	Northern district, U. S.
988	1	....do	Cotton yarns	Southern district, U. S.
989	9	....do	Cotton yarns	Southern district, U. S.
990	10	....do	Cotton yarns	Southern district, U. S.
991	11	....do	Cotton yarns	Continent of Europe.
992	17	....do	Cotton yarns	Great Britain.
993	22	....do	Cotton yarns	Great Britain.
994	24	....do	Cotton yarns	Great Britain.
995	25	....do	Cotton yarns	Great Britain.
996	26	....do	Cotton yarns	Great Britain.
997	28	....do	Cotton yarns	Great Britain.
998	3	....do	Woollen and worsted textiles	United States.
999	7	....do	Woollen and worsted textiles	United States.
1000	8	....do	Woollen and worsted textiles	United States.
1001	12	....do	Woollen and worsted textiles	United States.
1002	16	....do	Woollen and worsted textiles	United States.
1003	21	....do	Woollen and worsted textiles	United States.
1004	24	....do	Woollen and worsted textiles	United States.
1005	26	....do	Woollen and worsted textiles	United States.
1006	34	....do	Woollen and worsted textiles	United States.
1007	40	....do	Woollen and worsted textiles	United States.
1008		....do	Woollen and worsted textiles	United States.
1009		....do	Woollen and worsted textiles	United States.
1010		....do	Woollen and worsted textiles	United States.
1011		....do	Woollen and worsted textiles	United States.
1012		....do	Woollen and worsted textiles	United States.
1013		....do	Woollen and worsted textiles	Continent of Europe.
1014	42	....do	Linen yarns	Continent of Europe.
1015		....do	Cotton textiles	Southern district, U. S.
1016	42	Firemen, assistant	Cotton textiles	Southern district, U. S.
1017	62	....do	Cotton textiles	Southern district, U. S.
1018	64	....do	Cotton textiles	Northern district, U. S.
1019	85	Fireman and watchman	Linen yarns	Continent of Europe.
1020		Flax breakers	Cotton textiles	Northern district, U. S.
1021	3	Folders	Cotton textiles	Northern district, U. S.
1022	4	....do	Cotton textiles	Northern district, U. S.
1023	10	....do	Cotton textiles	Northern district, U. S.
1024	11	....do	Cotton textiles	Northern district, U. S.
1025	12	....do	Cotton textiles	Northern district, U. S.
1026	13	....do	Cotton textiles	Northern district, U. S.
1027	15	....do	Cotton textiles	Northern district, U. S.
1028	17	....do	Cotton textiles	Northern district, U. S.
1029	19	....do	Cotton textiles	Northern district, U. S.
1030	20	....do	Cotton textiles	Northern district, U. S.
1031	26	....do	Cotton textiles	Northern district, U. S.
1032	28	....do	Cotton textiles	Northern district, U. S.
1033	38	....do	Cotton textiles	Northern district, U. S.
1034	85	....do	Cotton textiles	Northern district, U. S.
1035	88	....do	Cotton textiles	Northern district, U. S.
1036		....do	Cotton textiles	Southern district, U. S.
1037	42	....do	Cotton textiles	Southern district, U. S.
1038	46	....do	Cotton textiles	Southern district, U. S.
1039	47	....do	Cotton textiles	Southern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$0.85	1	308	308	$262	$262	0.98	$266	975
313	1.25	1	316	316	395	395	1.01	391	976
313	1.25	6	313	52	389	65	1.00	389	977
313	1.00	1	265	265	265	265	0.85	313	978
313	1.58	1	274	274	433	433	0.88	495	979
313	1.18½	7	1,194	171	1,416	202	3.82	371	980
313	.64	2	677	339	432	216	2.16	200	981
156	.87½	5	393	79	344	69	2.52	137	982
72	.63½	12	935	78	595	50	12.99	46	983
313	.71	1	313	313	223	223	1.00	223	984
313	.60½	4	1,265	316	764	191	4.04	189	985
156	.85½	1	175	175	149	149	1.12	133	986
78	.91½	2	174	87	159	80	2.23	71	987
78	1.75	1	77	77	136	136	0.99	138	988
313	1.00	1	326	326	326	326	1.04	313	989
156	1.00	1	152	152	152	152	0.97	156	990
365	.75	1	353	353	265	265	0.97	274	991
72	.72½	1	72	72	52	52	1.00	52	992
156	.61	1	173	173	105	105	1.11	95	993
6	1.20½	1	6	6	7	7	1.00	7	994
6	.94	1	8	8	7	7	1.33	5	995
6	1.00	1	6	6	6	6	1.00	6	996
156	1.24½	1	154	154	192	192	0.99	194	997
156	1.44	2	294	147	423	212	1.89	224	998
313	1.50	3	345	115	518	173	1.10	470	999
313	1.25	2	254	127	316	158	0.81	389	1000
156	1.25	1	156	156	195	195	1.00	195	1001
182	1.75	1	182	182	319	319	1.00	319	1002
313	1.50	1	340	340	509	509	1.09	469	1003
313	1.25	3	307	102	383	128	0.98	390	1004
162	1.25	1	149	149	186	186	0.92	202	1005
313	1.16½	1	294	294	344	344	0.94	366	1006
156	1.63	1	159	159	258	258	1.02	253	1007
156	2.00	1	156	156	313	313	1.00	313	1008
156	1.00	1	164	164	164	164	1.05	156	1009
156	1.38	2	304	152	419	210	1.95	215	1010
156	2.50	1	160	160	399	399	1.03	389	1011
313	1.75	1	342	342	599	599	1.09	548	1012
313	1.58½	1	312	312	494	494	1.00	496	1013
313	.80½	5	1,339	268	1,080	216	4.28	252	1014
313	.75	8	2,367	296	1,770	221	7.56	234	1015
313	.60½	3	303	101	183	61	0.97	189	1016
313	.75	1	305	305	219	219	0.97	225	1017
313	.75	3	271	90	204	68	0.87	236	1018
182	1.62	1	196	196	318	318	1.08	295	1019
313	.30½	128	20,494	160	6,299	49	65.48	96	1020
156	1.15	3	93	31	107	36	0.60	179	1021
156	1.21	1	148	148	182	182	0.95	192	1022
156	.97	4	433	108	419	105	2.78	151	1023
313	1.00	1	278	278	278	278	0.89	313	1024
313	1.00	2	277	139	277	139	0.88	313	1025
156	.84½	2	288	144	244	122	1.84	132	1026
156	1.49	3	462	154	689	230	2.96	233	1027
313	(a)	3	(a)	(a)	451	150	(a)	(a)	1028
156	1.20	2	272	136	326	163	1.74	187	1029
24	(a)	3	(a)	(a)	38	13	(a)	(a)	1030
156	1.05	1	149	149	151	151	0.96	158	1031
156	1.37	4	446	112	610	153	2.86	213	1032
313	1.50	2	524	262	786	393	1.67	470	1033
156	1.66½	1	138	138	233	233	0.88	263	1034
156	1.26	3	263	88	331	110	1.69	196	1035
156	1.47	1	152	152	223	223	0.97	229	1036
313	.81	1	276	276	223	223	0.88	253	1037
312	.94½	4	95	24	90	23	0.31	296	1038
294	1.00	4	522	131	521	130	1.78	293	1039

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
1040	49	Folders—concluded	Cotton textiles	Southern district, U. S.
1041	50	....do	Cotton textiles	Southern district, U. S.
1042	57	....do	Cotton textiles	Southern district, U. S.
1043	59	....do	Cotton textiles	Southern district, U. S.
1044	62	....do	Cotton textiles	Southern district, U. S.
1045	64	....do	Cotton textiles	Southern district, U. S.
1046	67	....do	Cotton textiles	Southern district, U. S.
1047	68	....do	Cotton textiles	Southern district, U. S.
1048	70	....do	Cotton textiles	Southern district, U. S.
1049		....do	Cotton textiles	Continent of Europe.
1050	91	....do	Woollen and worsted textiles	United States.
1051	40	....do	Woollen and worsted textiles	Continent of Europe.
1052	42	....do	Cotton textiles	Northern district, U. S.
1053	22	Folders and selectors	Cotton textiles	Northern district, U. S.
1054	26	Folder and sewing-machine hand.	Cotton textiles	Northern district, U. S.
1055	38	Folder and stitcher	Cotton textiles	Southern district, U. S.
1056	59	Folders' helpers	Cotton textiles	Continent of Europe.
1057	91	....do	Cotton textiles	Continent of Europe.
1058	92	Foremen	Cotton textiles	Continent of Europe.
1059		....do	Cotton yarns	Continent of Europe.
1060	18	....do	Cotton textiles	Northern district, U. S.
1061	37	Foremen, carpenters	Cotton textiles	Southern district, U. S.
1062	60	....do	Cotton textiles	Continent of Europe.
1063		....do	Linen yarns	Continent of Europe.
1064		....do	Cotton textiles	Southern district, U. S.
1065	60	Foremen, laborers	Cotton textiles	Southern district, U. S.
1066	62	....do	Cotton textiles	Continent of Europe.
1067	91	....do	Linen yarns	Continent of Europe.
1068		....do	Cotton textiles	Northern district, U. S.
1069	37	Foreman, machinists	Cotton yarns	Northern district, U. S.
1070	1	Foreman, packers	Cotton textiles	Northern district, U. S.
1071	22	Foremen, repairers	Cotton textiles	Northern district, U. S.
1072	36	....do	Cotton textiles	Southern district, U. S.
1073	47	....do	Woollen and worsted textiles	United States.
1074	24	....do	Cotton textiles	Northern district, U. S.
1075	22	Foreman, watchmen	Cotton textiles	Northern district, U. S.
1076	3	Foremen, yard hands	Cotton textiles	Northern district, U. S.
1077	19	....do	Cotton textiles	Northern district, U. S.
1078	26	....do	Cotton textiles	Northern district, U. S.
1079	28	....do	Cotton textiles	Northern district, U. S.
1080		....do	Cotton textiles	Southern district, U. S.
1081	47	....do	Cotton textiles	Northern district, U. S.
1082	37	Frame fixer	Woollen and worsted textiles	United States.
1083	7	Fullers	Woollen and worsted textiles	United States.
1084	8	....do	Woollen and worsted textiles	United States.
1085	12	....do	Woollen and worsted textiles	United States.
1086	16	....do	Woollen and worsted textiles	United States.
1087	21	....do	Woollen and worsted textiles	United States.
1088	24	....do	Woollen and worsted textiles	United States.
1089	26	....do	Woollen and worsted textiles	United States.
1090	34	....do	Woollen and worsted textiles	United States.
1091	40	....do	Woollen and worsted textiles	United States.
1092		....do	Woollen and worsted textiles	United States.
1093		....do	Woollen and worsted textiles	United States.
1094		....do	Woollen and worsted textiles	United States.
1095		....do	Cotton textiles	Continent of Europe.
1096	71	Gasmen	Cotton textiles	Continent of Europe.
1097	91	....do	Woollen and worsted textiles	United States.
1098	24	....do	Woollen and worsted textiles	Continent of Europe.
1099	42	....do	Cotton textiles	Northern district, U. S.
1100	13	Gatemen	Cotton textiles	Northern district, U. S.
1101	26	....do	Cotton textiles	Continent of Europe.
1102	71	....do		

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$0.80	3	361	120	$288	$96	2.31	$124	1040
313	1.00	2	306	153	301	151	0.98	308	1041
313	1.25	1	296	296	371	371	0.95	392	1042
156	1.42½	1	167	167	238	238	1.07	222	1043
313	.90	1	312	312	281	281	1.00	282	1044
313	1.07½	3	626	209	673	224	2.00	337	1045
313	1.05	3	246	82	258	86	0.78	328	1046
313	1.00	1	296	296	291	291	0.95	308	1047
313	1.00	1	306	306	306	306	0.98	313	1048
313	.75½	8	1,958	245	1,474	184	6.25	236	1049
156	.77	1	23	23	18	18	0.15	122	1050
156	1.12	1	153	153	171	171	0.98	174	1051
313	.36	21	4,364	208	1,566	75	13.94	112	1052
313	(a)	55	(a)	(a)	5,936	108	(a)	(a)	1053
156	.90	1	61	61	55	55	0.39	141	1054
313	.88	1	279	279	245	245	0.89	275	1055
156	.75	1	42	42	32	32	0.27	119	1056
156	.24	1	23	23	6	6	0.15	41	1057
72	.89½	19	1,378	73	1,234	65	19.14	64	1058
313	1.04	5	1,433	287	1,493	299	4.58	326	1059
78	.74½	2	156	78	116	58	2.00	58	1060
313	2.50	1	154	154	385	385	0.49	783	1061
313	1.50	1	308	308	462	462	0.98	470	1062
313	.78½	1	374	374	294	294	1.19	246	1063
313	1.08	2	614	307	662	331	1.96	337	1064
313	1.25	1	312	312	390	390	1.00	391	1065
313	1.25½	3	646	215	810	270	2.07	392	1066
156	.96½	1	156	156	151	151	1.00	151	1067
313	.66	1	300	300	198	198	0.96	207	1068
313	3.00	1	348	348	1,043	1,043	1.11	938	1069
78	1.75	1	70	70	122	122	0.90	136	1070
313	2.74	2	680	340	1,862	931	2.17	857	1071
313	2.75	1	292	292	803	803	0.93	861	1072
294	5.00	1	301	301	1,501	1,501	1.02	1,466	1073
313	3.19½	1	313	313	1,000	1,000	1.00	1,000	1074
365	3.00	1	338	338	1,014	1,014	0.93	1,095	1075
156	2.25	1	160	160	358	358	1.03	349	1076
156	1.50	1	164	164	246	246	1.05	234	1077
156	3.00	1	67	67	201	201	0.43	468	1078
156	3.40	1	156	156	530	530	1.00	530	1079
156	1.70	1	165	165	281	281	1.06	266	1080
294	4.00	1	301	301	1,201	1,201	1.02	1,173	1081
313	1.25	1	304	304	380	380	0.97	391	1082
313	1.50	1	282	282	424	424	0.90	471	1083
313	1.35	1	326	326	440	440	1.04	422	1084
156	1.20	1	133	133	159	159	0.85	186	1085
156	1.48½	3	394	131	585	195	2.53	232	1086
313	1.14	17	2,678	158	3,057	180	8.56	357	1087
313	1.25½	7	1,616	231	2,025	289	5.17	392	1088
162	1.50½	2	315	158	474	237	1.95	244	1089
313	1.33½	1	269	269	359	359	0.86	418	1090
156	1.00	5	388	78	388	78	2.49	156	1091
156	1.50	1	150	150	224	224	0.96	233	1092
156	1.10	2	295	148	336	168	1.89	178	1093
156	1.85	4	553	138	1,022	256	3.55	288	1094
289	1.50	2	488	244	730	365	1.69	432	1095
313	.49	1	55	55	27	27	0.18	154	1096
156	.68½	4	183	46	125	31	1.18	107	1097
313	1.25	1	120	120	151	151	0.38	394	1098
313	.77	1	259	259	200	200	0.83	242	1099
156	1.00	1	147	147	147	147	0.94	156	1100
156	1.50	1	157	157	235	235	1.01	234	1101
313	.50½	1	308	308	155	155	0.98	158	1102

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
1103	91	Gatemen—concluded	Cotton textiles	Continent of Europe
1104	92	....do	Cotton textiles	Continent of Europe
1105	1	....do	Cotton yarns	Northern district, U. S.
1106	18	....do	Cotton yarns	Continent of Europe
1107	75	Gateman and roller coverer	Cotton textiles	Great Britain
1108	3	Giggers	Woollen and worsted textiles	United States
1109	7	....do	Woollen and worsted textiles	United States
1110	8	....do	Woollen and worsted textiles	United States
1111	12	....do	Woollen and worsted textiles	United States
1112	16	....do	Woollen and worsted textiles	United States
1113	21	....do	Woollen and worsted textiles	United States
1114	24	....do	Woollen and worsted textiles	United States
1115	26	....do	Woollen and worsted textiles	United States
1116	34	....do	Woollen and worsted textiles	United States
1117	40	....do	Woollen and worsted textiles	United States
1118		....do	Woollen and worsted textiles	United States
1119		....do	Woollen and worsted textiles	United States
1120		....do	Woollen and worsted textiles	United States
1121		Gill-box tenders	Linen yarns	Continent of Europe
1122		Hacklemakers	Linen yarns	Continent of Europe
1123		Hacklers	Linen yarns	Northern district, U. S.
1124	10	Handers-in	Cotton textiles	Southern district, U. S.
1125	42	....do	Cotton textiles	Southern district, U. S.
1126	67	....do	Cotton textiles	Southern district, U. S.
1127	68	....do	Cotton textiles	Southern district, U. S.
1128	70	....do	Cotton textiles	Continent of Europe
1129	92	....do	Cotton textiles	Great Britain
1130	75	....do	Cotton textiles	United States
1131	7	....do	Woollen and worsted textiles	United States
1132	8	....do	Woollen and worsted textiles	United States
1133	12	....do	Woollen and worsted textiles	United States
1134	21	....do	Woollen and worsted textiles	United States
1135	34	....do	Woollen and worsted textiles	United States
1136	36	....do	Woollen and worsted textiles	United States
1137	37	....do	Woollen and worsted textiles	United States
1138	40	....do	Woollen and worsted textiles	United States
1139		....do	Woollen and worsted textiles	United States
1140		....do	Woollen and worsted textiles	United States
1141	70	Hander-in and spinner	Cotton textiles	Southern district, U. S.
1142	1	Harness hands	Cotton textiles	Northern district, U. S.
1143	10	....do	Cotton textiles	Northern district, U. S.
1144	19	....do	Cotton textiles	Northern district, U. S.
1145	22	....do	Cotton textiles	Northern district, U. S.
1146	28	....do	Cotton textiles	Northern district, U. S.
1147	36	....do	Cotton textiles	Northern district, U. S.
1148	37	....do	Cotton textiles	Northern district, U. S.
1149	38	....do	Cotton textiles	Northern district, U. S.
1150	46	....do	Cotton textiles	Southern district, U. S.
1151	50	....do	Cotton textiles	Southern district, U. S.
1152	60	....do	Cotton textiles	Southern district, U. S.
1153	62	....do	Cotton textiles	Southern district, U. S.
1154		....do	Cotton textiles	Southern district, U. S.
1155	92	....do	Cotton textiles	Continent of Europe
1156		....do	Cotton textiles	Continent of Europe
1157	24	....do	Cotton yarns	Great Britain
1158	25	....do	Cotton yarns	Great Britain
1159	26	....do	Cotton yarns	Great Britain
1160	21	....do	Woollen and worsted textiles	United States
1161	24	....do	Woollen and worsted textiles	United States
1162	40	....do	Woollen and worsted textiles	United States
1163		....do	Woollen and worsted textiles	United States
1164		....do	Woollen and worsted textiles	United States
1165	42	....do	Woollen and worsted textiles	Continent of Europe
1166	1	Hostlers	Cotton textiles	Northern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$0.71	2	209	105	$148	$74	1.34	$110	1103
84	.60	3	246	82	147	49	2.98	50	1104
78	.50	1	78	78	39	39	1.00	39	1105
78	.52½	1	78	78	41	41	1.00	41	1106
78	1.13½	1	78	78	89	89	1.00	89	1107
156	1.35	2	189	95	254	127	1.21	210	1108
313	1.13	11	1,510	137	1,709	155	4.83	354	1109
313	1.25	2	413	207	508	254	1.32	385	1110
156	1.04½	6	641	107	670	112	4.11	163	1111
156	1.31	7	1,018	145	1,335	191	6.53	205	1112
313	1.23½	12	2,558	213	3,155	263	8.18	386	1113
313	1.07½	9	1,469	163	1,582	176	4.69	337	1114
162	1.31½	1	158	158	208	208	0.98	213	1115
313	1.25	2	550	275	667	334	1.76	380	1116
156	.92	10	1,197	120	1,104	110	7.68	144	1117
156	1.10	33	3,829	116	4,228	128	24.54	172	1118
156	1.29	9	821	91	1,061	118	5.26	202	1119
289	1.03½	16	835	52	865	54	2.89	299	1120
156	.68½	19	2,041	107	1,401	74	13.07	107	1121
313	.56	3	904	301	504	168	2.89	175	1122
313	.46½	70	9,758	139	4,533	65	31.18	145	1123
156	.22	10	1,015	102	221	22	6.51	34	1124
313	.20	6	243	41	46	8	0.78	59	1125
313	.53½	2	302	151	162	81	0.96	168	1126
313	.42½	7	961	137	410	59	3.08	134	1127
313	.16½	12	1,762	147	291	24	5.63	52	1128
72	.61	11	770	70	468	43	10.70	44	1129
78	.20½	2	154	77	31	16	1.97	16	1130
313	.61	7	963	138	588	84	3.08	191	1131
313	.50	4	46	12	23	6	0.15	157	1132
156	.50	1	136	136	68	68	0.87	78	1133
313	.42½	16	2,792	175	1,187	74	8.92	133	1134
313	.50	3	489	163	245	82	1.56	157	1135
72	.50	2	103	52	51	26	1.43	36	1136
313	.44	1	50	50	22	22	0.16	138	1137
156	.50½	7	412	59	209	30	2.64	79	1138
156	.50	1	145	145	72	72	0.93	77	1139
313	1.10	1	145	145	159	159	0.46	343	1140
313	.32	1	154	154	49	49	0.49	100	1141
156	1.25	1	149	149	186	186	0.96	195	1142
156	1.00	1	155	155	155	155	0.99	156	1143
156	1.11	4	596	149	661	165	3.82	173	1144
313	1.00	3	563	188	563	188	1.80	313	1145
156	1.00	3	156	52	156	52	1.00	156	1146
313	1.50	1	269	269	403	403	0.86	469	1147
313	1.43½	1	303	303	436	436	0.97	450	1148
313	.62½	2	655	328	409	205	2.09	195	1149
312	.65	1	145	145	94	94	0.46	202	1150
313	.65	1	129	129	85	85	0.41	206	1151
313	.40	1	234	234	96	96	0.75	128	1152
313	.40	1	310	310	126	126	0.99	127	1153
313	.50	1	82	82	41	41	0.26	157	1154
72	(a)	3	(a)	(a)	90	30	(a)	(a)	1155
313	.47½	7	1,578	225	748	107	5.04	148	1156
6	.77	1	6	6	5	5	1.00	5	1157
6	.77	1	6	6	5	5	1.00	5	1158
6	.77	1	6	6	5	5	1.00	5	1159
313	1.01	2	618	309	624	312	1.98	316	1160
313	.75	2	557	279	418	209	1.78	235	1161
156	.96½	4	428	107	414	104	2.75	151	1162
156	1.33½	5	463	93	617	123	2.97	208	1163
313	.40	1	268	268	105	105	0.86	123	1164
313	.72½	1	332	332	240	240	1.06	226	1165
156	1.33½	1	156	156	214	214	1.00	214	1166

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
1167	62	Hostlers—concluded	Cotton textiles	Southern district, U. S.
1168		do	Cotton textiles	Southern district, U. S.
1169		Iron turners	Linen yarns	Continent of Europe
1170	38	Janitors	Cotton textiles	Northern district, U. S.
1171	50	do	Cotton textiles	Southern district, U. S.
1172	42	Knitters	Woollen and worsted textiles	Continent of Europe
1173	1	Laborers	Cotton textiles	Northern district, U. S.
1174	10	do	Cotton textiles	Northern district, U. S.
1175	11	do	Cotton textiles	Northern district, U. S.
1176	12	do	Cotton textiles	Northern district, U. S.
1177	13	do	Cotton textiles	Northern district, U. S.
1178	15	do	Cotton textiles	Northern district, U. S.
1179	17	do	Cotton textiles	Northern district, U. S.
1180	19	do	Cotton textiles	Northern district, U. S.
1181	20	do	Cotton textiles	Northern district, U. S.
1182	22	do	Cotton textiles	Northern district, U. S.
1183	36	do	Cotton textiles	Northern district, U. S.
1184	37	do	Cotton textiles	Northern district, U. S.
1185	82	do	Cotton textiles	Northern district, U. S.
1186	85	do	Cotton textiles	Northern district, U. S.
1187	44	do	Cotton textiles	Southern district, U. S.
1188	46	do	Cotton textiles	Southern district, U. S.
1189	47	do	Cotton textiles	Southern district, U. S.
1190	49	do	Cotton textiles	Southern district, U. S.
1191	53	do	Cotton textiles	Southern district, U. S.
1192	57	do	Cotton textiles	Southern district, U. S.
1193	59	do	Cotton textiles	Southern district, U. S.
1194	60	do	Cotton textiles	Southern district, U. S.
1195	62	do	Cotton textiles	Southern district, U. S.
1196	64	do	Cotton textiles	Southern district, U. S.
1197	67	do	Cotton textiles	Continent of Europe
1198	71	do	Cotton textiles	Continent of Europe
1199	91	do	Cotton textiles	Continent of Europe
1200	92	do	Cotton textiles	Continent of Europe
1201	93	do	Cotton textiles	Continent of Europe
1202		do	Cotton textiles	Great Britain
1203	75	do	Cotton yarns	Northern district, U. S.
1204	1	do	Cotton yarns	Northern district, U. S.
1205		do	Cotton yarns	Southern district, U. S.
1206	9	do	Cotton yarns	Southern district, U. S.
1207	10	do	Cotton yarns	Southern district, U. S.
1208	11	do	Cotton yarns	Continent of Europe
1209	16	do	Cotton yarns	Continent of Europe
1210	17	do	Cotton yarns	Continent of Europe
1211	18	do	Cotton yarns	Great Britain
1212	22	do	Cotton yarns	Great Britain
1213	24	do	Cotton yarns	Great Britain
1214	25	do	Cotton yarns	Great Britain
1215	26	do	Cotton yarns	Great Britain
1216	28	do	Cotton yarns	Great Britain
1217	3	do	Woollen and worsted textiles	United States
1218	15	do	Woollen and worsted textiles	United States
1219	16	do	Woollen and worsted textiles	United States
1220	21	do	Woollen and worsted textiles	United States
1221	24	do	Woollen and worsted textiles	United States
1222	34	do	Woollen and worsted textiles	United States
1223	37	do	Woollen and worsted textiles	United States
1224	40	do	Woollen and worsted textiles	United States
1225		do	Woollen and worsted textiles	United States
1226		do	Woollen and worsted textiles	United States
1227		do	Woollen and worsted textiles	United States
1228		do	Woollen and worsted textiles	United States
1229		do	Woollen and worsted textiles	United States
1230	42	do	Woollen and worsted textiles	Continent of Europe
1231		do	Linen textiles	Continent of Europe
1232		do	Linen yarns	Continent of Europe

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion. Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
365	$0.75	1	366	366	$275	$275	1.00	$274	1167
365	1.16⅔	4	1,145	286	1,332	333	3.14	425	1168
313	.76⅔	2	609	305	467	234	1.95	240	1169
313	.23½	2	625	313	148	74	2.00	74	1170
312	.45	3	532	177	240	80	1.70	141	1171
313	.42	13	3,710	285	1,552	119	11.85	131	1172
156	.69½	11	560	51	389	35	3.59	108	1173
156	1.01	13	1,478	114	1,495	115	9.47	158	1174
313	1.00	5	811	162	811	162	2.59	313	1175
313	1.09	6	970	162	1,057	176	3.10	341	1176
156	1.05½	6	551	92	580	97	3.53	164	1177
156	.93½	12	314	26	294	25	2.01	146	1178
313	.88½	27	2,738	101	2,419	90	8.75	277	1179
156	1.06	5	330	66	350	70	2.11	165	1180
24	1.10	8	187	23	206	26	7.79	26	1181
313	1.36	12	848	71	1,153	96	2.71	426	1182
313	1.18½	2	265	133	313	157	0.85	370	1183
313	1.19½	30	3,295	110	3,937	131	10.53	374	1184
156	1.11½	5	282	56	315	63	1.81	174	1185
179	1.08	28	2,464	88	2,666	95	15.78	169	1186
156	.87½	39	3,408	87	2,989	77	21.86	137	1187
312	.80½	22	1,657	75	1,330	60	5.32	250	1188
294	.94½	31	3,647	118	3,450	111	12.40	278	1189
156	.75½	20	1,152	58	867	43	7.38	117	1190
313	.98	7	652	93	640	91	2.09	307	1191
313	.76	4	498	125	379	95	1.59	238	1192
156	.94½	2	175	88	165	83	1.12	147	1193
313	.55	85	7,789	92	4,282	50	24.90	172	1194
313	.65½	62	7,149	115	4,689	76	22.84	205	1195
313	.73	23	1,908	83	1,397	61	6.10	229	1196
313	.80	12	951	79	762	64	3.04	251	1197
313	.42½	14	3,924	280	1,677	120	12.54	134	1198
156	.56	40	2,162	54	1,206	30	13.86	87	1199
72	.59½	35	2,631	75	1,563	45	36.54	43	1200
313	.31½	3	643	214	203	68	2.05	99	1201
313	.48	107	20,623	193	9,921	93	65.89	151	1202
78	.56	8	574	72	322	40	7.36	44	1203
78	1.26⅔	8	555	69	702	88	7.12	99	1204
156	1.38	12	1,069	89	1,476	123	6.85	215	1205
313	.77½	4	950	238	736	184	3.04	242	1206
156	.70½	26	862	33	606	23	5.51	110	1207
313	.63	24	2,332	97	1,469	61	7.45	197	1208
72	.33	17	1,110	65	365	21	15.41	24	1209
72	.48½	4	288	72	139	35	4.00	35	1210
78	.53½	4	312	78	167	42	4.00	42	1211
156	.58½	3	429	143	250	83	2.75	91	1212
6	.87	18	91	5	79	4	15.17	5	1213
6	1.00	7	43	6	43	6	7.17	6	1214
6	.89½	11	66	6	59	5	11.00	5	1215
156	.51⅔	3	387	129	199	66	2.48	80	1216
156	.70½	5	149	30	105	21	0.96	110	1217
313	1.39⅔	4	774	194	1,078	270	2.47	436	1218
156	.90	6	872	145	785	131	5.60	140	1219
313	1.20½	3	903	301	1,089	363	2.89	377	1220
313	.87½	4	1,116	279	979	245	3.56	275	1221
313	.67	9	692	77	465	52	2.21	210	1222
313	.92½	1	276	276	256	256	0.88	290	1223
156	.93⅓	20	1,413	71	1,318	66	9.07	146	1224
156	1.25	3	317	106	380	127	2.03	187	1225
156	1.21	14	1,754	125	2,126	152	11.25	189	1226
156	1.75	2	167	84	291	146	1.07	272	1227
158	.73½	4	523	131	384	96	3.31	116	1228
289	1.08⅓	5	404	81	438	88	1.39	313	1229
313	.35	33	7,729	234	2,716	82	24.70	110	1230
144	.17½	5	576	115	102	20	4.00	26	1231
313	.48½	139	34,124	245	16,501	119	109.02	151	1232

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
1233	4	Laborers—concluded	Silk textiles	Continent of Europe
1234	62	Laborer and sweeper	Cotton textiles	Southern district, U. S.
1235	10	Lap carriers	Cotton textiles	Northern district, U. S.
1236	37	....do	Cotton textiles	Northern district, U. S.
1237	59	....do	Cotton textiles	Southern district, U. S.
1238	28	....do	Cotton yarns	Great Britain
1239	1	Loom fixers	Cotton textiles	Northern district, U. S.
1240	3	....do	Cotton textiles	Northern district, U. S.
1241	4	....do	Cotton textiles	Northern district, U. S.
1242	9	....do	Cotton textiles	Northern district, U. S.
1243	10	....do	Cotton textiles	Northern district, U. S.
1244	11	....do	Cotton textiles	Northern district, U. S.
1245	12	....do	Cotton textiles	Northern district, U. S.
1246	13	....do	Cotton textiles	Northern district, U. S.
1247	15	....do	Cotton textiles	Northern district, U. S.
1248	17	....do	Cotton textiles	Northern district, U. S.
1249	19	....do	Cotton textiles	Northern district, U. S.
1250	20	....do	Cotton textiles	Northern district, U. S.
1251	26	....do	Cotton textiles	Northern district, U. S.
1252	28	....do	Cotton textiles	Northern district, U. S.
1253	36	....do	Cotton textiles	Northern district, U. S.
1254	37	....do	Cotton textiles	Northern district, U. S.
1255	38	....do	Cotton textiles	Northern district, U. S.
1256	85	....do	Cotton textiles	Northern district, U. S.
1257	88	....do	Cotton textiles	Northern district, U. S.
1258		....do	Cotton textiles	Southern district, U. S.
1259	42	....do	Cotton textiles	Southern district, U. S.
1260	44	....do	Cotton textiles	Southern district, U. S.
1261	46	....do	Cotton textiles	Southern district, U. S.
1262	47	....do	Cotton textiles	Southern district, U. S.
1263	49	....do	Cotton textiles	Southern district, U. S.
1264	50	....do	Cotton textiles	Southern district, U. S.
1265	51	....do	Cotton textiles	Southern district, U. S.
1266	57	....do	Cotton textiles	Southern district, U. S.
1267	59	....do	Cotton textiles	Southern district, U. S.
1268	60	....do	Cotton textiles	Southern district, U. S.
1269	62	....do	Cotton textiles	Southern district, U. S.
1270	64	....do	Cotton textiles	Southern district, U. S.
1271	67	....do	Cotton textiles	Southern district, U. S.
1272	70	....do	Cotton textiles	Southern district, U. S.
1273		....do	Cotton textiles	Great Britain
1274	72	....do	Cotton textiles	Great Britain
1275	75	....do	Woollen and worsted textiles	United States
1276	3	....do	Woollen and worsted textiles	United States
1277	7	....do	Woollen and worsted textiles	United States
1278	8	....do	Woollen and worsted textiles	United States
1279	12	....do	Woollen and worsted textiles	United States
1280	15	....do	Woollen and worsted textiles	United States
1281	16	....do	Woollen and worsted textiles	United States
1282	21	....do	Woollen and worsted textiles	United States
1283	24	....do	Woollen and worsted textiles	United States
1284	26	....do	Woollen and worsted textiles	United States
1285	34	....do	Woollen and worsted textiles	United States
1286	36	....do	Woollen and worsted textiles	United States
1287	37	....do	Woollen and worsted textiles	United States
1288	40	....do	Woollen and worsted textiles	United States
1289		....do	Woollen and worsted textiles	United States
1290		....do	Woollen and worsted textiles	United States
1291		....do	Woollen and worsted textiles	United States
1292		....do	Woollen and worsted textiles	United States
1293		....do	Woollen and worsted textiles	United States
1294		....do	Woollen and worsted textiles	Continent of Europe
1295	42	....do	Linen textiles	Continent of Europe
1296		....do	Cotton textiles	Southern district, U. S.
1297	67	Loom fixer and weaver	Cotton textiles	Northern district, U. S.
1298	1	Machinists		

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$0.71	22	4,936	224	$3,509	$160	15.77	$223	1233
313	.46	1	122	122	56	56	0.39	144	1234
156	.91½	4	473	118	432	108	3.03	142	1235
313	.46	1	138	138	63	63	0.44	143	1236
156	.60	1	27	27	16	16	0.17	92	1237
156	.93½	2	151	76	141	71	0.97	146	1238
156	1.55½	7	788	113	1,224	175	5.05	242	1239
156	1.99	6	605	101	1,204	201	3.87	310	1240
156	1.79	14	1,629	116	2,913	208	10.45	279	1241
156	1.51	6	480	80	725	121	3.08	236	1242
156	1.30½	8	1,142	143	1,493	187	7.32	204	1243
313	1.19	2	502	251	597	299	1.60	372	1244
313	1.29	9	1,491	166	1,920	213	4.76	403	1245
156	1.32½	6	865	144	1,147	191	5.54	207	1246
156	1.78½	26	2,287	88	4,081	157	14.66	278	1247
313	1.68	36	2,355	65	3,959	110	7.52	526	1248
156	2.06½	24	3,300	138	6,812	284	21.15	322	1249
24	1.54	7	168	24	259	37	7.00	37	1250
156	1.78½	15	1,381	92	2,466	164	8.85	279	1251
156	1.72	23	2,221	97	3,817	166	14.24	268	1252
313	1.75	5	1,337	267	2,339	468	4.27	548	1253
313	1.71½	11	2,511	228	4,301	391	8.02	536	1254
313	2.16½	7	2,134	305	4,623	660	6.82	678	1255
156	2.33½	4	540	135	1,260	315	3.46	364	1256
156	1.67	6	677	113	1,131	189	4.34	261	1257
156	1.73½	22	2,031	92	3,522	160	13.01	271	1258
313	1.61	5	478	96	770	154	1.53	504	1259
156	1.75	8	852	107	1,492	187	5.46	273	1260
312	1.50	9	1,756	195	2,634	293	5.63	468	1261
294	1.69½	21	3,682	175	6,232	297	12.52	493	1262
156	1.53	18	1,952	108	2,986	166	12.51	239	1263
313	1.50	5	1,178	236	1,772	354	3.76	471	1264
313	1.45½	5	625	125	908	182	1.99	455	1265
313	.97	2	575	288	558	279	1.84	304	1266
156	1.48	3	441	147	652	217	2.83	231	1267
313	1.29	14	3,999	286	5,161	369	12.78	404	1268
313	1.22	8	2,280	285	2,781	348	7.28	382	1269
313	1.78½	3	909	303	1,623	541	2.90	559	1270
313	1.43½	9	1,446	161	2,077	231	4.62	450	1271
313	1.32	5	1,449	290	1,914	383	4.63	413	1272
313	1.53½	21	3,054	145	4,684	223	9.75	480	1273
156	1.33	7	1,065	152	1,415	202	6.83	207	1274
78	1.62½	9	647	72	1,050	117	8.29	127	1275
156	2.00	3	303	101	607	202	1.94	313	1276
313	1.89	5	1,156	231	2,186	437	3.69	592	1277
313	1.91	3	596	199	1,139	380	1.91	598	1278
156	1.92½	2	274	137	528	264	1.76	301	1279
313	1.87½	1	303	303	568	568	0.97	587	1280
156	2.18½	4	615	154	1,344	336	3.94	341	1281
313	1.90½	14	3,639	260	6,929	495	11.62	596	1282
313	2.25	7	1,049	150	2,360	337	3.35	704	1283
162	1.78	3	362	121	644	215	2.23	288	1284
313	2.00	4	884	221	1,769	442	2.82	626	1285
72	2.09	2	144	72	301	151	2.00	151	1286
313	2.41	5	409	82	986	197	1.31	755	1287
156	1.94½	5	685	137	1,331	266	4.39	303	1288
156	1.43	1	143	143	204	204	0.92	223	1289
156	1.25	1	149	149	192	192	0.96	201	1290
156	2.43½	25	2,193	88	5,345	214	14.07	380	1291
156	3.00	1	141	141	425	425	0.90	470	1292
289	1.87	3	800	267	1,495	498	2.77	540	1293
313	2.50	1	265	265	661	661	0.85	781	1294
313	.89½	13	4,048	311	3,620	278	12.93	280	1295
144	.61	4	504	126	308	77	3.50	88	1296
313	1.13	1	133	133	150	150	0.42	353	1297
156	1.97½	3	448	149	885	295	2.87	308	1298

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
1299	3	Machinists—concluded	Cotton textiles	Northern district, U. S.
1300	4	do	Cotton textiles	Northern district, U. S.
1301	9	do	Cotton textiles	Northern district, U. S.
1302	10	do	Cotton textiles	Northern district, U. S.
1303	11	do	Cotton textiles	Northern district, U. S.
1304	12	do	Cotton textiles	Northern district, U. S.
1305	13	do	Cotton textiles	Northern district, U. S.
1306	15	do	Cotton textiles	Northern district, U. S.
1307	17	do	Cotton textiles	Northern district, U. S.
1308	19	do	Cotton textiles	Northern district, U. S.
1309	20	do	Cotton textiles	Northern district, U. S.
1310	26	do	Cotton textiles	Northern district, U. S.
1311	28	do	Cotton textiles	Northern district, U. S.
1312	36	do	Cotton textiles	Northern district, U. S.
1313	37	do	Cotton textiles	Northern district, U. S.
1314	38	do	Cotton textiles	Northern district, U. S.
1315	85	do	Cotton textiles	Northern district, U. S.
1316	88	do	Cotton textiles	Northern district, U. S.
1317		do	Cotton textiles	Northern district, U. S.
1318	44	do	Cotton textiles	Southern district, U. S.
1319	46	do	Cotton textiles	Southern district, U. S.
1320	47	do	Cotton textiles	Southern district, U. S.
1321	49	do	Cotton textiles	Southern district, U. S.
1322	50	do	Cotton textiles	Southern district, U. S.
1323	57	do	Cotton textiles	Southern district, U. S.
1324	60	do	Cotton textiles	Southern district, U. S.
1325	62	do	Cotton textiles	Southern district, U. S.
1326	64	do	Cotton textiles	Southern district, U. S.
1327	67	do	Cotton textiles	Southern district, U. S.
1328	68	do	Cotton textiles	Southern district, U. S.
1329	70	do	Cotton textiles	Southern district, U. S.
1330		do	Cotton textiles	Southern district, U. S.
1331	71	do	Cotton textiles	Continent of Europe
1332	91	do	Cotton textiles	Continent of Europe
1333	92	do	Cotton textiles	Continent of Europe
1334		do	Cotton textiles	Continent of Europe
1335	72	do	Cotton textiles	Great Britain
1336	75	do	Cotton textiles	Great Britain
1337	1	do	Cotton yarns	Northern district, U. S.
1338	10	do	Cotton yarns	Southern district, U. S.
1339	11	do	Cotton yarns	Southern district, U. S.
1340	17	do	Cotton yarns	Continent of Europe
1341	22	do	Cotton yarns	Great Britain
1342	28	do	Cotton yarns	Great Britain
1343	3	do	Woollen and worsted textiles	United States
1344	7	do	Woollen and worsted textiles	United States
1345	8	do	Woollen and worsted textiles	United States
1346	12	do	Woollen and worsted textiles	United States
1347	16	do	Woollen and worsted textiles	United States
1348	21	do	Woollen and worsted textiles	United States
1349	26	do	Woollen and worsted textiles	United States
1350	36	do	Woollen and worsted textiles	United States
1351	40	do	Woollen and worsted textiles	United States
1352		do	Woollen and worsted textiles	United States
1353		do	Woollen and worsted textiles	United States
1354		do	Woollen and worsted textiles	United States
1355		do	Woollen and worsted textiles	United States
1356	42	do	Woollen and worsted textiles	Continent of Europe
1357		do	Linen textiles	Continent of Europe
1358		do	Linen yarns	Continent of Europe
1359	10	Machinists' apprentices	Cotton textiles	Northern district, U. S.
1360	12	do	Cotton textiles	Northern district, U. S.
1361	37	do	Cotton textiles	Northern district, U. S.
1362	60	do	Cotton textiles	Southern district, U. S.
1363	92	do	Cotton textiles	Continent of Europe
1364	75	do	Cotton textiles	Great Britain

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$1.81	8	536	67	$969	$121	3.44	$282	1299
156	1.94½	7	1,036	148	2,013	288	6.64	303	1300
156	2.06	3	412	137	848	283	2.64	321	1301
156	2.24½	2	317	159	712	356	2.03	350	1302
313	1.50	2	503	252	755	378	1.61	470	1303
313	2.00	1	282	282	565	565	0.90	627	1304
156	1.93½	4	581	145	1,124	281	3.72	302	1305
182	1.95	10	1,410	141	2,751	275	7.74	355	1306
313	1.79	3	910	303	1,628	543	2.91	560	1307
156	1.82½	8	335	42	645	81	2.15	300	1308
24	1.98½	3	73	24	145	48	3.04	48	1309
156	2.07	4	552	138	1,142	286	3.54	323	1310
156	1.79½	13	1,978	152	3,550	273	12.70	280	1311
313	2.00	3	616	205	1,232	411	1.97	626	1312
313	2.02½	4	1,158	290	2,347	587	3.70	634	1313
313	2.58½	2	611	306	1,580	790	1.95	809	1314
156	2.20½	4	413	103	910	228	2.65	344	1315
156	1.80	4	373	93	672	168	2.39	281	1316
156	1.99	3	329	110	654	218	2.11	310	1317
156	2.12½	2	341	171	725	363	2.18	332	1318
312	1.89	3	584	195	1,104	368	1.88	590	1319
294	1.74½	5	862	172	1,506	301	2.93	514	1320
156	2.29	5	633	127	1,448	290	4.05	357	1321
313	1.95½	2	601	301	1,175	588	1.92	612	1322
313	1.50	1	285	285	427	427	0.91	469	1323
313	1.69	2	628	314	1,060	530	2.09	528	1324
313	1.34½	3	733	244	985	328	2.34	421	1325
365	2.10	2	361	181	759	380	0.99	767	1326
313	2.50	1	328	328	820	820	1.05	783	1327
313	2.25	1	261	261	588	588	0.83	705	1328
313	2.87½	1	311	311	893	893	0.99	899	1329
313	1.70	4	783	196	1,332	333	2.50	532	1330
313	.72½	3	719	240	522	174	2.30	227	1331
156	.80½	4	745	186	601	150	4.79	126	1332
72	.72	29	2,124	73	1,529	53	29.50	52	1333
313	.78½	7	1,523	218	1,196	171	4.87	246	1334
156	1.21½	2	324	162	393	197	2.08	189	1335
78	1.30	1	89	89	115	115	1.14	101	1336
78	1.87	2	156	78	292	146	2.00	146	1337
156	2.17	4	248	62	538	135	1.59	338	1338
365	1.90	1	357	357	678	678	0.98	693	1339
72	1.16	1	72	72	83	83	1.00	83	1340
156	1.21½	1	188	188	229	229	1.21	190	1341
156	1.30½	1	134	134	175	175	0.86	204	1342
156	1.45	2	67	34	97	49	0.43	226	1343
313	3.00	1	288	288	865	865	0.92	940	1344
313	2.30	1	313	313	720	720	1.00	720	1345
156	2.25	1	143	143	323	323	0.92	352	1346
156	1.68	1	152	152	255	255	0.97	262	1347
313	2.37½	3	967	322	2,296	765	3.08	743	1348
162	1.93½	2	323	162	625	313	1.99	313	1349
84	2.00	1	91	91	181	181	1.08	167	1350
156	2.39	2	346	173	827	414	2.22	373	1351
156	1.75	1	150	150	262	262	0.96	272	1352
156	2.14	7	1,135	162	2,431	347	7.27	334	1353
156	2.83½	2	6	3	17	9	0.04	442	1354
289	1.91½	1	111	111	211	211	0.38	549	1355
313	.83½	4	1,397	349	1,166	292	4.47	261	1356
144	.43	1	144	144	62	62	1.00	62	1357
313	.71	10	2,555	256	1,811	181	8.16	222	1358
156	.70	1	158	158	111	111	1.01	110	1359
313	.60	1	277	277	166	166	0.88	188	1360
313	.75	1	313	313	229	229	1.00	229	1361
313	.40	1	334	334	144	144	1.07	135	1362
72	.18	3	209	70	38	13	2.90	13	1363
78	.08	1	51	51	4	4	0.65	6	1364

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
1365	17	Machinists' apprentices—concluded.	Cotton yarns	Continent of Europe.
1366	19	Machinists' helpers	Cotton textiles	Northern district, U. S.
1367	36	....do	Cotton textiles	Northern district, U. S.
1368	37	....do	Cotton textiles	Northern district, U. S.
1369	38	....do	Cotton textiles	Northern district, U. S.
1370	68	....do	Cotton textiles	Southern district, U. S.
1371	71	....do	Cotton textiles	Continent of Europe.
1372		....do	Cotton textiles	Continent of Europe.
1373	75	....do	Cotton textiles	Great Britain.
1374	11	....do	Cotton yarns	Southern district, U. S.
1375	7	....do	Woollen and worsted textiles	United States.
1376		....do	Linen yarns	Continent of Europe.
1377	4	Masons	Cotton textiles	Northern district, U. S.
1378	10	....do	Cotton textiles	Northern district, U. S.
1379	15	....do	Cotton textiles	Northern district, U. S.
1380	22	....do	Cotton textiles	Northern district, U. S.
1381	37	....do	Cotton textiles	Northern district, U. S.
1382	47	....do	Cotton textiles	Southern district, U. S.
1383	60	....do	Cotton textiles	Southern district, U. S.
1384	62	....do	Cotton textiles	Southern district, U. S.
1385	91	....do	Cotton textiles	Continent of Europe.
1386	92	....do	Cotton textiles	Continent of Europe.
1387		....do	Cotton textiles	Continent of Europe.
1388	9	....do	Cotton yarns	Southern district, U. S.
1389	24	....do	Woollen and worsted textiles	United States.
1390		....do	Woollen and worsted textiles	United States.
1391		....do	Linen yarns	Continent of Europe.
1392	92	Masons' helpers	Cotton textiles	Continent of Europe.
1393	1	Master machinists	Cotton textiles	Northern district, U. S.
1394	3	....do	Cotton textiles	Northern district, U. S.
1395	4	....do	Cotton textiles	Northern district, U. S.
1396	11	....do	Cotton textiles	Northern district, U. S.
1397	19	....do	Cotton textiles	Northern district, U. S.
1398	26	....do	Cotton textiles	Northern district, U. S.
1399	28	....do	Cotton textiles	Northern district, U. S.
1400	44	....do	Cotton textiles	Southern district, U. S.
1401	46	....do	Cotton textiles	Southern district, U. S.
1402	49	....do	Cotton textiles	Southern district, U. S.
1403	60	....do	Cotton textiles	Southern district, U. S.
1404	62	....do	Cotton textiles	Southern district, U. S.
1405		....do	Cotton textiles	Southern district, U. S.
1406	3	....do	Woollen and worsted textiles	United States.
1407		....do	Woollen and worsted textiles	United States.
1408		....do	Linen yarns	Continent of Europe.
1409	4	Master mechanic	Cotton textiles	Northern district, U. S.
1410	44	Measurers	Cotton textiles	Southern district, U. S.
1411	71	....do	Cotton textiles	Continent of Europe.
1412	92	....do	Cotton textiles	Continent of Europe.
1413		....do	Cotton textiles	Continent of Europe.
1414	21	....do	Woollen and worsted textiles	United States.
1415	34	....do	Woollen and worsted textiles	United States.
1416	40	....do	Woollen and worsted textiles	United States.
1417	42	....do	Woollen and worsted textiles	Continent of Europe.
1418	60	Messengers	Cotton textiles	Southern district, U. S.
1419		....do	Linen yarns	Continent of Europe.
1420	22	Oilman	Cotton textiles	Northern district, U. S.
1421	1	Oilers	Cotton textiles	Northern district, U. S.
1422	3	....do	Cotton textiles	Northern district, U. S.
1423	4	....do	Cotton textiles	Northern district, U. S.
1424	10	....do	Cotton textiles	Northern district, U. S.
1425	12	....do	Cotton textiles	Northern district, U. S.
1426	13	....do	Cotton textiles	Northern district, U. S.
1427	15	....do	Cotton textiles	Northern district, U. S.
1428	17	....do	Cotton textiles	Northern district, U. S.
1429	19	....do	Cotton textiles	Northern district, U. S.
1430	20	....do	Cotton textiles	Northern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
72	$0.62	1	72	72	$44	$44	1.00	$44	1365
156	1.28	7	417	60	533	76	2.68	199	1366
313	1.11½	1	257	257	287	287	0.82	350	1367
313	1.37½	1	313	313	431	431	1.00	431	1368
313	1.50	1	307	307	460	460	0.98	469	1369
313	1.00	1	2	2	2	2	0.01	313	1370
313	.53	2	291	146	154	77	0.93	166	1371
313	.57	1	404	404	230	230	1.29	178	1372
78	.57	1	82	82	46	46	1.05	44	1373
365	.75	1	361	361	260	260	0.99	263	1374
313	2.00	1	297	297	594	594	0.95	626	1375
313	.22½	1	303	303	68	68	0.97	70	1376
156	1.25	1	151	151	182	182	0.97	188	1377
156	3.50	1	94	94	330	330	0.60	548	1378
156	2.00	1	43	43	85	85	0.28	308	1379
313	2.26	2	349	175	788	394	1.12	707	1380
313	1.87½	1	70	70	131	131	0.22	586	1381
294	2.48½	4	66	17	164	41	0.23	731	1382
313	2.00	2	338	169	676	338	1.08	626	1383
313	1.01½	5	402	80	409	82	1.28	318	1384
156	.67	3	489	163	327	109	3.14	104	1385
72	.71	6	589	98	419	70	8.18	51	1386
313	.70½	3	881	294	619	206	2.81	220	1387
313	1.65	5	43	9	71	14	0.14	517	1388
313	3.25	4	37	9	121	30	0.12	1,024	1389
156	1.76½	1	81	81	143	143	0.52	275	1390
313	.60	1	361	361	181	181	0.96	188	1391
72	.45	3	282	94	127	42	3.92	32	1392
156	3.50	1	161	161	562	562	1.03	545	1393
156	3.50	1	184	184	644	644	1.18	546	1394
156	2.50	1	105	105	262	262	0.67	389	1395
313	2.50	1	280	280	700	700	0.89	783	1396
156	4.32½	1	156	156	675	675	1.00	675	1397
156	4.32½	1	156	156	675	675	1.00	675	1398
156	4.81	1	156	156	750	750	1.00	750	1399
156	3.13	1	172	172	538	538	1.10	488	1400
312	3.34½	1	312	312	1,044	1,044	1.00	1,044	1401
156	4.00	2	157	79	628	314	1.01	624	1402
313	3.50	1	134	134	469	469	0.43	1,096	1403
313	3.00	1	313	313	939	939	1.00	939	1404
313	3.25	1	333	333	1,082	1,082	1.06	1,017	1405
156	2.50	1	199	199	498	498	1.28	390	1406
156	3.08½	1	181	181	558	558	1.16	481	1407
313	1.20	1	293	293	351	351	0.94	375	1408
156	5.80	1	166	166	965	965	1.06	907	1409
156	1.25	1	88	88	110	110	0.56	195	1410
313	.35½	1	244	244	87	87	0.78	112	1411
72	.52½	7	507	72	266	38	7.04	38	1412
313	.48	3	847	282	408	136	2.71	151	1413
313	1.00	1	307	307	307	307	0.98	313	1414
313	1.83½	1	262	262	482	482	0.84	576	1415
156	1.75	1	156	156	274	274	1.00	274	1416
313	.38½	1	300	300	115	115	0.96	120	1417
313	.39½	2	277	139	109	55	0.89	123	1418
313	.80½	1	300	300	241	241	0.96	251	1419
313	1.45	1	314	314	456	456	1.00	455	1420
156	1.25	1	138	138	173	173	0.88	196	1421
156	.94	4	510	128	480	120	3.26	147	1422
156	1.25	6	660	110	826	138	4.23	195	1423
156	.77	1	154	154	118	118	0.99	120	1424
313	.89	11	1,172	107	1,042	95	3.75	278	1425
156	.89½	2	292	146	262	131	1.88	140	1426
156	1.05	8	829	104	869	109	5.32	164	1427
313	.75½	21	1,061	51	801	38	3.39	236	1428
156	1.09	16	1,569	98	1,712	107	10.06	170	1429
24	1.00	2	45	23	45	23	1.88	24	1430

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
1431	22	Oilers—concluded	Cotton textiles	Northern district, U. S.
1432	26	do	Cotton textiles	Northern district, U. S.
1433	36	do	Cotton textiles	Northern district, U. S.
1434	37	do	Cotton textiles	Northern district, U. S.
1435	88	do	Cotton textiles	Northern district, U. S.
1436		do	Cotton textiles	Southern district, U. S.
1437	42	do	Cotton textiles	Southern district, U. S.
1438	46	do	Cotton textiles	Southern district, U. S.
1439	47	do	Cotton textiles	Southern district, U. S.
1440	49	do	Cotton textiles	Southern district, U. S.
1441	50	do	Cotton textiles	Southern district, U. S.
1442	51	do	Cotton textiles	Southern district, U. S.
1443	57	do	Cotton textiles	Southern district, U. S.
1444	59	do	Cotton textiles	Southern district, U. S.
1445	60	do	Cotton textiles	Southern district, U. S.
1446	62	do	Cotton textiles	Southern district, U. S.
1447	64	do	Cotton textiles	Southern district, U. S.
1448	67	do	Cotton textiles	Southern district, U. S.
1449	70	do	Cotton textiles	Southern district, U. S.
1450		do	Cotton textiles	Continent of Europe.
1451	71	do	Cotton textiles	Continent of Europe.
1452	92	do	Cotton textiles	Continent of Europe.
1453		do	Cotton textiles	Great Britain.
1454	75	do	Cotton yarns	Northern district, U. S.
1455	1	do	Cotton yarns	Northern district, U. S.
1456		do	Cotton yarns	Southern district, U. S.
1457	9	do	Cotton yarns	Southern district, U. S.
1458	11	do	Cotton yarns	Continent of Europe.
1459	16	do	Cotton yarns	Continent of Europe.
1460	17	do	Cotton yarns	Continent of Europe.
1461	18	do	Cotton yarns	Great Britain.
1462	24	do	Cotton yarns	Great Britain.
1463	26	do	Cotton yarns	Great Britain.
1464	28	do	Cotton yarns	United States.
1465	21	do	Woollen and worsted textiles	United States.
1466	40	do	Woollen and worsted textiles	United States.
1467		do	Woollen and worsted textiles	Continent of Europe.
1468		do	Linen yarns	Northern district, U. S.
1469	20	Overseers	Cotton textiles	Northern district, U. S.
1470	32	do	Cotton textiles	Northern district, U. S.
1471	85	do	Cotton textiles	Continent of Europe.
1472	71	do	Cotton textiles	Continent of Europe.
1473	91	do	Cotton textiles	Continent of Europe.
1474	93	do	Cotton textiles	Continent of Europe.
1475		do	Cotton yarns	Great Britain.
1476	18	do	Cotton yarns	Great Britain.
1477	24	do	Cotton yarns	Great Britain.
1478	25	do	Cotton yarns	United States.
1479	26	do	Woollen and worsted textiles	United States.
1480		do	Woollen and worsted textiles	Continent of Europe.
1481		do	Woollen and worsted textiles	Continent of Europe.
1482	42	do	Woollen and worsted textiles	Continent of Europe.
1483		do	Linen textiles	Continent of Europe.
1484		do	Linen yarns	Continent of Europe.
1485		do	Silk textiles	Northern district, U. S.
1486	4	do	Cotton textiles	Southern district, U. S.
1487	22	Overseers' assistants	Cotton textiles	Continent of Europe.
1488	62	do	Linen textiles	Northern district, U. S.
1489		do	Cotton textiles	Northern district, U. S.
1490	1	Overseers, carding department	Cotton textiles	Northern district, U. S.
1491	3	do	Cotton textiles	Northern district, U. S.
1492	4	do	Cotton textiles	Northern district, U. S.
1493	9	do	Cotton textiles	Northern district, U. S.
1494	10	do	Cotton textiles	Northern district, U. S.
1495	11	do	Cotton textiles	Northern district, U. S.
1496	12	do	Cotton textiles	Northern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion. Tables I to X. Where no establishment number is given, no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$0.98	109	4,425	41	$4,329	$40	14.14	$306	1431
156	1.50	1	152	152	228	228	0.97	234	1432
313	.70½	3	729	243	513	171	2.33	220	1433
313	.65½	6	911	152	595	99	2.91	204	1434
156	1.04	1	94	94	98	98	0.60	163	1435
156	1.05	1	140	140	147	147	0.90	164	1436
313	.58	5	973	195	566	113	3.11	182	1437
312	.77	2	479	240	369	185	1.54	240	1438
294	.79	23	1,341	58	1,060	46	4.56	232	1439
156	.94½	17	1,394	82	1,318	78	8.94	147	1440
313	.75	1	228	228	171	171	0.73	235	1441
313	.60	11	718	65	430	39	2.30	187	1442
313	.50	3	799	266	401	134	2.55	157	1443
156	.91	4	513	128	466	117	3.29	142	1444
313	.79½	5	1,458	292	1,159	232	4.66	249	1445
313	.57½	7	1,798	257	1,032	147	5.74	180	1446
313	.89	4	1,183	296	1,053	263	3.77	279	1447
313	.76½	2	445	223	341	171	1.43	240	1448
313	.72	6	756	126	546	91	2.42	226	1449
313	.64½	25	2,666	107	1,719	69	8.51	202	1450
313	.47	5	1,374	275	646	129	4.39	147	1451
72	.62½	8	642	80	400	50	8.92	45	1452
313	.50½	11	3,728	339	1,884	171	11.91	158	1453
78	.83½	1	97	97	81	81	1.24	65	1454
78	1.20	2	168	84	202	101	2.16	94	1455
156	.84½	6	503	84	425	71	3.23	132	1456
313	.67	10	268	27	180	18	0.86	210	1457
340	.70½	2	618	309	437	219	1.82	240	1458
72	.41	3	233	78	96	32	3.23	30	1459
72	.41½	3	210	70	87	29	2.92	30	1460
78	.67	7	546	78	367	52	7.00	52	1461
6	1.10	1	6	6	7	7	1.00	7	1462
6	1.00	1	6	6	6	6	1.00	6	1463
156	.85	1	156	156	133	133	1.00	133	1464
313	1.25	1	313	313	391	391	1.00	391	1465
156	1.16½	3	207	69	242	81	1.33	182	1466
156	.88	1	149	149	131	131	0.96	137	1467
313	.55	2	519	260	286	143	1.66	172	1468
24	2.75	1	24	24	66	66	1.00	66	1469
313	2.60½	11	2,763	251	7,198	654	8.83	815	1470
156	2.46	3	204	68	502	167	1.31	384	1471
313	.82	4	1,218	305	996	249	3.89	256	1472
156	1.32	2	312	156	412	206	2.00	206	1473
313	.95	4	1,252	313	1,192	298	4.00	298	1474
313	1.90½	1	250	250	476	476	0.80	596	1475
78	.88½	1	78	78	69	69	1.00	69	1476
6	2.41½	2	12	6	29	15	2.00	15	1477
6	4.05½	1	6	6	24	24	1.00	24	1478
6	3.89½	1	6	6	23	23	1.00	23	1479
156	4.00	1	152	152	606	606	0.97	622	1480
158	2.00	1	165	165	330	330	1.04	316	1481
313	2.01½	2	626	313	1,260	630	2.00	630	1482
156	1.30	1	156	156	202	202	1.00	202	1483
144	.93	2	288	144	268	134	2.00	134	1484
313	.98½	7	2,059	294	2,032	290	6.57	309	1485
313	.94½	9	2,508	279	2,366	263	8.01	295	1486
313	1.65	3	908	303	1,497	499	2.90	516	1487
313	1.75	1	307	307	536	536	0.98	546	1488
144	.61	3	432	144	263	88	3.00	88	1489
156	2.66½	1	149	149	397	397	0.96	416	1490
156	3.35	1	160	160	535	535	1.03	522	1491
156	2.23	2	302	151	674	337	1.94	348	1492
156	2.50	1	152	152	380	380	0.97	390	1493
156	2.75	1	155	155	426	426	0.99	429	1494
313	1.80	1	272	272	490	490	0.87	564	1495
313	2.50	1	254	254	634	634	0.81	781	1496

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
1497	13	Overseers, carding dep't—cont'd	Cotton textiles	Northern district, U. S.
1498	15	do	Cotton textiles	Northern district, U. S.
1499	17	do	Cotton textiles	Northern district, U. S.
1500	19	do	Cotton textiles	Northern district, U. S.
1501	20	do	Cotton textiles	Northern district, U. S.
1502	22	do	Cotton textiles	Northern district, U. S.
1503	26	do	Cotton textiles	Northern district, U. S.
1504	28	do	Cotton textiles	Northern district, U. S.
1505	36	do	Cotton textiles	Northern district, U. S.
1506	37	do	Cotton textiles	Northern district, U. S.
1507	38	do	Cotton textiles	Northern district, U. S.
1508	82	do	Cotton textiles	Northern district, U. S.
1509	85	do	Cotton textiles	Northern district, U. S.
1510	88	do	Cotton textiles	Northern district, U. S.
1511		do	Cotton textiles	Southern district, U. S.
1512	42	do	Cotton textiles	Southern district, U. S.
1513	44	do	Cotton textiles	Southern district, U. S.
1514	46	do	Cotton textiles	Southern district, U. S.
1515	47	do	Cotton textiles	Southern district, U. S.
1516	49	do	Cotton textiles	Southern district, U. S.
1517	50	do	Cotton textiles	Southern district, U. S.
1518	51	do	Cotton textiles	Southern district, U. S.
1519	57	do	Cotton textiles	Southern district, U. S.
1520	59	do	Cotton textiles	Southern district, U. S.
1521	60	do	Cotton textiles	Southern district, U. S.
1522	62	do	Cotton textiles	Southern district, U. S.
1523	64	do	Cotton textiles	Southern district, U. S.
1524	67	do	Cotton textiles	Southern district, U. S.
1525	68	do	Cotton textiles	Southern district, U. S.
1526		do	Cotton textiles	Continent of Europe
1527	91	do	Cotton textiles	Continent of Europe
1528	92	do	Cotton textiles	Continent of Europe
1529		do	Cotton textiles	Great Britain
1530	75	do	Cotton yarns	Northern district, U. S.
1531	1	do	Cotton yarns	Northern district, U. S.
1532		do	Cotton yarns	Southern district, U. S.
1533	9	do	Cotton yarns	Southern district, U. S.
1534	10	do	Cotton yarns	Southern district, U. S.
1535	11	do	Cotton yarns	Continent of Europe
1536	16	do	Cotton yarns	Continent of Europe
1537	17	do	Cotton yarns	Continent of Europe
1538	18	do	Cotton yarns	Great Britain
1539	19	do	Cotton yarns	Great Britain
1540	22	do	Cotton yarns	Great Britain
1541	24	do	Cotton yarns	Great Britain
1542	25	do	Cotton yarns	Great Britain
1543	26	do	Cotton yarns	Great Britain
1544	28	do	Cotton yarns	Great Britain
1545		do	Woollen and worsted textiles	United States
1546	3	do	Woollen and worsted textiles	United States
1547	7	do	Woollen and worsted textiles	United States
1548	8	do	Woollen and worsted textiles	United States
1549	12	do	Woollen and worsted textiles	United States
1550	15	do	Woollen and worsted textiles	United States
1551	16	do	Woollen and worsted textiles	United States
1552	21	do	Woollen and worsted textiles	United States
1553	24	do	Woollen and worsted textiles	United States
1554	26	do	Woollen and worsted textiles	United States
1555	34	do	Woollen and worsted textiles	United States
1556	36	do	Woollen and worsted textiles	United States
1557	40	do	Woollen and worsted textiles	United States
1558		do	Woollen and worsted textiles	United States
1559		do	Woollen and worsted textiles	United States
1560		do	Woollen and worsted textiles	United States
1561		do	Woollen and worsted textiles	United States
1562		do	Woollen and worsted textiles	United States

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion. Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$2.50	1	143	143	$358	$358	0.92	$391	1497
156	2.15½	2	154	77	332	166	0.99	336	1498
313	3.33½	1	305	305	1,008	1,008	0.97	1,034	1499
156	6.00	1	153	153	917	917	0.98	935	1500
24	2.75	1	24	24	66	66	1.00	66	1501
313	2.74½	3	927	309	2,545	848	2.96	859	1502
156	4.00	1	153	153	612	612	0.98	624	1503
156	5.00	1	153	153	765	765	0.98	780	1504
313	3.00	1	275	275	826	826	0.88	940	1505
313	4.50	1	53	53	238	238	0.17	1,406	1506
313	3.07½	2	615	308	1,890	945	1.96	962	1507
156	3.00	1	145	145	436	436	0.93	469	1508
156	2.27½	2	297	149	675	338	1.90	355	1509
156	4.56	1	154	154	702	702	0.99	711	1510
156	3.50	1	152	152	532	532	0.97	546	1511
313	3.00	1	308	308	924	924	0.98	939	1512
156	3.14½	1	156	156	491	491	1.00	491	1513
312	4.00	1	309	309	1,236	1,236	0.99	1,248	1514
294	4.50	1	313	313	1,405	1,405	1.06	1,320	1515
156	4.00	1	156	156	624	624	1.00	624	1516
313	2.75	1	296	296	801	801	0.95	847	1517
313	1.92	1	308	308	592	592	0.98	602	1518
313	2.00	1	301	301	602	602	0.96	626	1519
156	3.00	1	159	159	476	476	1.02	467	1520
313	3.55	2	490	245	1,739	870	1.57	1,111	1521
313	3.50	1	309	309	1,082	1,082	0.99	1,096	1522
313	3.00	1	309	309	927	927	0.99	939	1523
313	2.23½	2	302	151	675	338	0.96	700	1524
313	2.50	1	300	300	751	751	0.96	784	1525
313	3.50	5	569	114	1,992	398	1.82	1,096	1526
156	1.44½	3	468	156	676	225	3.00	225	1527
72	1.00½	2	139	70	140	70	1.93	73	1528
313	.87	2	729	365	633	317	2.33	272	1529
78	1.62	1	78	78	127	127	1.00	127	1530
78	4.00	1	77	77	310	310	0.99	314	1531
156	4.00	1	156	156	624	624	1.00	624	1532
313	3.00	1	173	173	519	519	0.55	939	1533
156	2.60½	3	144	48	375	125	0.92	406	1534
313	2.12½	2	615	308	1,307	654	1.97	665	1535
72	.63	2	151	76	95	48	2.10	45	1536
72	.63½	1	72	72	46	46	1.00	46	1537
78	.98½	2	156	78	154	77	2.00	77	1538
78	1.42	1	78	78	111	111	1.00	111	1539
156	1.42	1	156	156	221	221	1.00	221	1540
6	1.50	1	6	6	9	9	1.00	9	1541
6	1.62	1	6	6	10	10	1.00	10	1542
6	1.82½	1	6	6	11	11	1.00	11	1543
156	2.03	1	156	156	316	316	1.00	316	1544
78	1.39½	2	78	39	109	55	1.00	109	1545
156	3.35	1	158	158	528	528	1.01	521	1546
313	3.00	3	300	100	900	300	0.96	939	1547
313	2.25	1	376	376	847	847	1.20	705	1548
156	3.10	1	133	133	413	413	0.85	484	1549
313	2.75	1	319	319	877	877	1.02	861	1550
156	4.00	1	152	152	606	606	0.97	622	1551
313	4.00	1	308	308	1,232	1,232	0.98	1,252	1552
313	4.50	1	285	285	1,284	1,284	0.91	1,410	1553
162	3.00	1	162	162	486	486	1.00	486	1554
313	3.00	1	311	311	932	932	0.99	938	1555
84	2.50	1	84	84	210	210	1.00	210	1556
156	4.50	1	154	154	691	691	0.99	700	1557
156	2.50	1	148	148	370	370	0.95	390	1558
156	2.68	2	307	154	822	411	1.97	418	1559
156	2.50	1	154	154	384	384	0.99	389	1560
156	5.00	1	144	144	718	718	0.92	778	1561
289	3.25	1	263	263	853	853	0.91	937	1562

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
1563	——	Overseers, carding dep t-cone'd.	Woollen and worsted textiles.	United States.
1564	——	....do	Woollen and worsted textiles.	United States.
1565	42	....do	Woollen and worsted textiles.	Continent of Europe.
1566	——	....do	Linen yarns	Continent of Europe.
1567	1	Overseers, cloth room	Cotton textiles	Northern district, U. S.
1568	3	....do	Cotton textiles	Northern district, U. S.
1569	4	....do	Cotton textiles	Northern district, U. S.
1570	9	....do	Cotton textiles	Northern district, U. S.
1571	10	....do	Cotton textiles	Northern district, U. S.
1572	11	....do	Cotton textiles	Northern district, U. S.
1573	12	....do	Cotton textiles	Northern district, U. S.
1574	13	....do	Cotton textiles	Northern district, U. S.
1575	15	....do	Cotton textiles	Northern district, U. S.
1576	17	....do	Cotton textiles	Northern district, U. S.
1577	19	....do	Cotton textiles	Northern district, U. S.
1578	20	....do	Cotton textiles	Northern district, U. S.
1579	22	....do	Cotton textiles	Northern district, U. S.
1580	26	....do	Cotton textiles	Northern district, U. S.
1581	28	....do	Cotton textiles	Northern district, U. S.
1582	30	....do	Cotton textiles	Northern district, U. S.
1583	37	....do	Cotton textiles	Northern district, U. S.
1584	85	....do	Cotton textiles	Northern district, U. S.
1585	88	....do	Cotton textiles	Northern district, U. S.
1586	——	....do	Cotton textiles	Southern district, U. S.
1587	42	....do	Cotton textiles	Southern district, U. S.
1588	44	....do	Cotton textiles	Southern district, U. S.
1589	46	....do	Cotton textiles	Southern district, U. S.
1590	47	....do	Cotton textiles	Southern district, U. S.
1591	49	....do	Cotton textiles	Southern district, U. S.
1592	50	....do	Cotton textiles	Southern district, U. S.
1593	51	....do	Cotton textiles	Southern district, U. S.
1594	60	....do	Cotton textiles	Southern district, U. S.
1595	62	....do	Cotton textiles	Southern district, U. S.
1596	67	....do	Cotton textiles	Southern district, U. S.
1597	——	....do	Cotton textiles	Continent of Europe.
1598	——	....do	Woollen and worsted textiles.	Continent of Europe.
1599	42	Overseer, combing department	Cotton textiles	Northern district, U. S.
1600	3	Overseers, dressing room	Cotton textiles	Northern district, U. S.
1601	4	....do	Cotton textiles	Northern district, U. S.
1602	9	....do	Cotton textiles	Northern district, U. S.
1603	22	....do	Cotton textiles	Northern district, U. S.
1604	28	....do	Cotton textiles	Southern district, U. S.
1605	67	....do	Woollen and worsted textiles.	United States.
1606	7	....do	Woollen and worsted textiles.	United States.
1607	24	....do	Woollen and worsted textiles.	Continent of Europe.
1608	42	....do	Cotton textiles	Northern district, U. S.
1609	38	Overseers, dyeing room	Cotton textiles	Northern district, U. S.
1610	82	....do	Cotton textiles	Northern district, U. S.
1611	85	....do	Cotton textiles	Southern district, U. S.
1612	47	....do	Cotton textiles	Southern district, U. S.
1613	57	....do	Cotton textiles	Southern district, U. S.
1614	64	....do	Cotton textiles	Southern district, U. S.
1615	67	....do	Cotton textiles	Southern district, U. S.
1616	——	....do	Woollen and worsted textiles.	United States.
1617	3	....do	Woollen and worsted textiles.	United States.
1618	7	....do	Woollen and worsted textiles.	United States.
1619	8	....do	Woollen and worsted textiles.	United States.
1620	12	....do	Woollen and worsted textiles.	United States.
1621	16	....do	Woollen and worsted textiles.	United States.
1622	21	....do	Woollen and worsted textiles.	United States.
1623	24	....do	Woollen and worsted textiles.	United States.
1624	26	....do	Woollen and worsted textiles.	United States.
1625	34	....do	Woollen and worsted textiles.	United States.
1626	36	....do	Woollen and worsted textiles.	United States.
1627	40	....do	Woollen and worsted textiles.	United States.
1628	——	....do	Woollen and worsted textiles.	United States.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion. Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$3.50	1	276	276	$966	$966	0.88	$1,096	1563
313	3.50	1	296	296	1,037	1,037	0.95	1,097	1564
313	1.55½	1	298	298	463	463	0.95	486	1565
313	1.03½	2	600	300	620	310	1.92	323	1566
156	2.50	1	149	149	371	371	0.96	388	1567
156	2.25	1	152	152	343	343	0.97	352	1568
156	2.33½	1	148	148	345	345	0.95	364	1569
156	1.75	1	148	148	257	257	0.95	271	1570
156	1.66½	1	155	155	258	258	0.99	260	1571
313	1.30	1	281	281	363	363	0.90	404	1572
313	2.00	1	279	279	559	559	0.89	627	1573
156	2.00	1	86	86	172	172	0.55	312	1574
156	2.25	1	154	154	347	347	0.99	352	1575
313	3.20	1	305	305	976	976	0.97	1,002	1576
156	3.00	1	153	153	458	458	0.98	467	1577
24	1.83½	1	24	24	44	44	1.00	44	1578
313	3.00	1	305	305	914	914	0.97	938	1579
156	2.50	1	155	155	388	388	0.99	391	1580
156	3.50½	2	201	101	705	353	1.29	547	1581
313	1.75	1	273	273	478	478	0.87	548	1582
313	1.75	1	305	305	533	533	0.97	547	1583
156	2.37½	1	139	139	331	331	0.89	372	1584
156	3.00	1	39	39	117	117	0.25	468	1585
156	2.25	1	152	152	342	342	0.97	351	1586
313	1.20½	2	213	107	257	129	0.68	378	1587
156	2.75	1	156	156	429	429	1.00	429	1588
312	1.25	1	308	308	385	385	0.99	390	1589
304	4.00	1	301	301	1,201	1,201	1.02	1,173	1590
156	2.50	1	156	156	390	390	1.00	390	1591
313	1.75	1	291	291	509	509	0.93	547	1592
313	1.40½	2	294	147	413	207	0.94	440	1593
313	2.00	1	310	310	620	620	0.99	626	1594
313	2.00	1	294	294	588	588	0.94	626	1595
313	1.77	2	298	149	528	264	0.96	555	1596
313	2.50	1	299	299	748	748	0.96	783	1597
313	.74	1	301	301	223	223	0.96	232	1598
313	1.42½	1	298	298	425	425	0.95	446	1599
156	2.75	1	153	153	420	420	0.98	428	1600
156	2.00	1	142	142	284	284	0.91	312	1601
156	2.50	2	150	75	374	187	0.96	389	1602
313	3.00	1	307	307	920	920	0.98	938	1603
156	3.90	1	153	153	596	596	0.98	608	1604
313	2.25	1	103	103	232	232	0.33	705	1605
313	2.00	1	294	294	589	589	0.94	627	1606
313	2.00	1	263	263	527	527	0.84	627	1607
313	.82	1	360	360	295	295	1.15	256	1608
313	3.33⅓	1	305	305	1,015	1,015	0.97	1,042	1609
156	3.33⅓	1	146	146	485	485	0.94	518	1610
156	2.07½	1	144	144	299	299	0.92	324	1611
294	6.00	1	300	300	1,788	1,788	1.02	1,752	1612
313	1.50	1	281	281	421	421	0.90	469	1613
313	3.50	1	278	278	973	973	0.89	1,096	1614
313	3.00	1	306	306	917	917	0.98	938	1615
313	5.08	1	309	309	1,569	1,569	0.99	1,589	1616
156	3.50	2	151	76	529	265	0.97	547	1617
313	3.00	1	301	301	903	903	0.96	939	1618
313	2.00	1	307	307	613	613	0.98	625	1619
156	3.00	1	135	135	405	405	0.87	468	1620
156	3.00	1	152	152	455	455	0.97	467	1621
313	4.79	1	313	313	1,500	1,500	1.00	1,500	1622
313	5.00	1	276	276	1,380	1,380	0.88	1,565	1623
162	3.00	1	162	162	486	486	1.00	486	1624
313	3.33⅓	1	300	300	1,000	1,000	0.96	1,043	1625
72	4.16⅔	1	72	72	300	300	1.00	300	1626
156	4.00	3	165	55	658	219	1.06	622	1627
156	3.00	1	151	151	452	452	0.97	467	1628

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
1629	——	Overseers, dyeing room—conc'd	Woollen and worsted textiles.	United States.
1630	——	....do	Woollen and worsted textiles.	United States.
1631	——	....do	Woollen and worsted textiles.	United States.
1632	——	....do	Woollen and worsted textiles.	United States.
1633	——	....do	Woollen and worsted textiles.	United States.
1634	——	....do	Woollen and worsted textiles.	United States.
1635	3	Overseers, finishing departm't	Woollen and worsted textiles.	United States.
1636	7	....do	Woollen and worsted textiles.	United States.
1637	8	....do	Woollen and worsted textiles.	United States.
1638	12	....do	Woollen and worsted textiles.	United States.
1639	16	....do	Woollen and worsted textiles.	United States.
1640	21	....do	Woollen and worsted textiles.	United States.
1641	24	....do	Woollen and worsted textiles.	United States.
1642	26	....do	Woollen and worsted textiles.	United States.
1643	34	....do	Woollen and worsted textiles.	United States.
1644	36	....do	Woollen and worsted textiles.	United States.
1645	——	....do	Woollen and worsted textiles.	United States.
1646	——	....do	Woollen and worsted textiles.	United States.
1647	——	....do	Woollen and worsted textiles.	United States.
1648	——	....do	Woollen and worsted textiles.	United States.
1649	——	....do	Woollen and worsted textiles.	United States.
1650	——	....do	Woollen and worsted textiles.	United States.
1651	——	Overseers, hacklers	Linen yarns	Continent of Europe.
1652	4	Overseers, picking department	Cotton textiles	Northern district, U. S.
1653	17	....do	Cotton textiles	Northern district, U. S.
1654	36	....do	Cotton textiles	Northern district, U. S.
1655	62	....do	Cotton textiles	Southern district, U. S.
1656	64	....do	Cotton textiles	Southern district, U. S.
1657	91	....do	Cotton textiles	Continent of Europe.
1658	92	....do	Cotton textiles	Continent of Europe.
1659	——	....do	Cotton textiles	Continent of Europe.
1660	75	....do	Cotton textiles	Great Britain.
1661	18	....do	Cotton yarns	Continent of Europe.
1662	28	....do	Cotton yarns	Great Britain.
1663	7	....do	Woollen and worsted textiles.	United States.
1664	40	....do	Woollen and worsted textiles.	United States.
1665	22	Overseers, reeling department	Cotton yarns	Great Britain.
1666	28	....do	Cotton yarns	Great Britain.
1667	7	Overseers, sorting room	Woollen and worsted textiles.	United States.
1668	12	....do	Woollen and worsted textiles.	United States.
1669	15	....do	Woollen and worsted textiles.	United States.
1670	21	....do	Woollen and worsted textiles.	United States.
1671	24	....do	Woollen and worsted textiles.	United States.
1672	26	....do	Woollen and worsted textiles.	United States.
1673	36	....do	Woollen and worsted textiles.	United States.
1674	40	....do	Woollen and worsted textiles.	United States.
1675	——	....do	Woollen and worsted textiles.	United States.
1676	——	....do	Woollen and worsted textiles.	United States.
1677	——	....do	Woollen and worsted textiles.	United States.
1678	1	Overseers, spinning department	Cotton textiles	Northern district, U. S.
1679	3	....do	Cotton textiles	Northern district, U. S.
1680	4	....do	Cotton textiles	Northern district, U. S.
1731	9	....do	Cotton textiles	Northern district, U. S.
1682	10	....do	Cotton textiles	Northern district, U. S.
1683	11	....do	Cotton textiles	Northern district, U. S.
1684	12	....do	Cotton textiles	Northern district, U. S.
1685	13	....do	Cotton textiles	Northern district, U. S.
1686	15	....do	Cotton textiles	Northern district, U. S.
1687	17	....do	Cotton textiles	Northern district, U. S.
1688	19	....do	Cotton textiles	Northern district, U. S.
1689	20	....do	Cotton textiles	Northern district, U. S.
1690	22	....do	Cotton textiles	Northern district, U. S.
1691	26	....do	Cotton textiles	Northern district, U. S.
1692	28	....do	Cotton textiles	Northern district, U. S.
1693	36	....do	Cotton textiles	Northern district, U. S.
1694	37	....do	Cotton textiles	Northern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$3.25	1	145	145	$472	$472	0.93	$508	1629
156	3.00	1	149	149	446	446	0.96	467	1630
156	5.00	1	144	144	720	720	0.92	780	1631
289	4.00	1	264	264	1,057	1,057	0.91	1,157	1632
313	2.58	2	246	123	635	318	0.79	808	1633
313	3.00	1	299	299	897	897	0.96	939	1634
156	3.00	1	163	163	490	490	1.04	469	1635
313	3.00	1	306	306	919	919	0.98	940	1636
313	1.94½	2	429	215	835	418	1.37	609	1637
156	3.25	1	134	134	435	435	0.86	506	1638
156	4.00	1	152	152	606	606	0.97	622	1639
313	2.47	5	1,275	255	3,149	630	4.08	773	1640
313	5.00	1	266	266	1,328	1,328	0.85	1,563	1641
162	3.00	1	162	162	486	486	1.00	486	1642
313	3.00	1	286	286	858	858	0.91	939	1643
72	3.75	1	67	67	250	250	0.93	269	1644
156	1.50	1	146	146	218	218	0.94	233	1645
156	2.00	1	155	155	310	310	0.99	312	1646
156	3.00	2	304	152	912	456	1.95	468	1647
156	3.00	1	144	144	431	431	0.92	467	1648
289	2.60	1	271	271	698	698	0.94	744	1649
313	2.12½	2	536	268	1,140	570	1.71	666	1650
313	.90½	4	1,201	300	1,086	272	3.84	283	1651
156	1.50	1	143	143	215	215	0.92	235	1652
313	1.27	2	192	96	244	122	0.61	398	1653
313	1.50	1	271	271	406	406	0.87	469	1654
313	1.00	1	302	302	302	302	0.96	313	1655
313	1.64½	1	309	309	509	509	0.99	516	1656
156	.95	3	141	47	134	45	0.90	148	1657
72	1.13	1	70	70	79	79	0.97	81	1658
313	.68½	2	828	414	569	285	2.65	215	1659
78	.85	1	79	79	67	67	1.01	66	1660
78	.68	1	78	78	53	53	1.00	53	1661
156	.97½	2	304	152	296	148	1.95	152	1662
313	2.75	1	309	309	850	850	0.99	861	1663
156	2.00	1	154	154	307	307	0.99	311	1664
156	.97½	1	156	156	152	152	1.00	152	1665
156	1.30	1	151	151	196	196	0.97	202	1666
313	2.00	1	301	301	602	602	0.96	626	1667
156	2.25	1	129	129	290	290	0.83	351	1668
313	2.50	1	310	310	775	775	0.99	783	1669
313	3.83½	1	313	313	1,200	1,200	1.00	1,200	1670
313	3.50	1	312	312	1,092	1,092	1.00	1,096	1671
162	2.25	1	162	162	365	365	1.00	365	1672
72	2.00	1	66	66	132	132	0.92	144	1673
156	2.25	1	145	145	325	325	0.93	350	1674
156	1.75	1	144	144	251	251	0.92	272	1675
156	2.25	1	152	152	343	343	0.97	352	1676
156	2.75	1	138	138	378	378	0.88	427	1677
156	2.75	2	303	152	834	417	1.94	429	1678
156	3.35	1	150	150	502	502	0.96	522	1679
156	3.11½	2	310	155	965	483	1.99	486	1680
156	2.50	1	151	151	378	378	0.97	391	1681
156	2.75	1	155	155	426	426	0.99	429	1682
313	1.75	1	286	286	500	500	0.91	547	1683
313	2.50	1	275	275	688	688	0.88	783	1684
156	2.25	1	143	143	327	327	0.92	357	1685
156	3.25	2	308	154	1,001	501	1.98	507	1686
313	3.50	1	305	305	1,047	1,047	0.97	1,074	1687
156	6.50	1	153	153	993	993	0.98	1,012	1688
24	2.75	1	24	24	66	66	1.00	66	1689
313	3.00	3	887	296	2,658	886	2.83	938	1690
156	3.75	2	307	154	1,151	576	1.97	585	1691
156	5.00	1	153	153	765	765	0.98	780	1692
313	3.00	2	558	279	1,675	838	1.78	940	1693
313	4.50	1	188	188	845	845	0.60	1,407	1694

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
1695	38	Overseers, spinning dep't—conc'd	Cotton textiles	Northern district, U. S.
1696	82	do	Cotton textiles	Northern district, U. S.
1697	85	do	Cotton textiles	Northern district, U. S.
1698	88	do	Cotton textiles	Northern district, U. S.
1699		do	Cotton textiles	Southern district, U. S.
1700	42	do	Cotton textiles	Southern district, U. S.
1701	44	do	Cotton textiles	Southern district, U. S.
1702	46	do	Cotton textiles	Southern district, U. S.
1703	47	do	Cotton textiles	Southern district, U. S.
1704	49	do	Cotton textiles	Southern district, U. S.
1705	50	do	Cotton textiles	Southern district, U. S.
1706	51	do	Cotton textiles	Southern district, U. S.
1707	57	do	Cotton textiles	Southern district, U. S.
1708	59	do	Cotton textiles	Southern district, U. S.
1709	60	do	Cotton textiles	Southern district, U. S.
1710	62	do	Cotton textiles	Southern district, U. S.
1711	64	do	Cotton textiles	Southern district, U. S.
1712	67	do	Cotton textiles	Southern district, U. S.
1713	68	do	Cotton textiles	Southern district, U. S.
1714	70	do	Cotton textiles	Southern district, U. S.
1715		do	Cotton textiles	Continent of Europe.
1716	91	do	Cotton textiles	Continent of Europe.
1717	92	do	Cotton textiles	Continent of Europe.
1718		do	Cotton textiles	Great Britain
1719	75	do	Cotton yarns	Northern district, U. S.
1720	1	do	Cotton yarns	Northern district, U. S.
1721		do	Cotton yarns	Southern district, U. S.
1722	9	do	Cotton yarns	Southern district, U. S.
1723	10	do	Cotton yarns	Southern district, U. S.
1724	11	do	Cotton yarns	Continent of Europe.
1725	17	do	Cotton yarns	Continent of Europe.
1726	18	do	Cotton yarns	Great Britain
1727	19	do	Cotton yarns	Great Britain
1728	22	do	Cotton yarns	Great Britain
1729	24	do	Cotton yarns	Great Britain
1730	25	do	Cotton yarns	Great Britain
1731	26	do	Cotton yarns	Great Britain
1732	28	do	Cotton yarns	Great Britain
1733		do	Cotton yarns	Great Britain
1734	3	do	Woollen and worsted textiles	United States
1735	7	do	Woollen and worsted textiles	United States
1736	8	do	Woollen and worsted textiles	United States
1737	12	do	Woollen and worsted textiles	United States
1738	15	do	Woollen and worsted textiles	United States
1739	16	do	Woollen and worsted textiles	United States
1740	21	do	Woollen and worsted textiles	United States
1741	24	do	Woollen and worsted textiles	United States
1742	26	do	Woollen and worsted textiles	United States
1743	36	do	Woollen and worsted textiles	United States
1744	40	do	Woollen and worsted textiles	United States
1745		do	Woollen and worsted textiles	United States
1746		do	Woollen and worsted textiles	United States
1747		do	Woollen and worsted textiles	United States
1748		do	Woollen and worsted textiles	United States
1749		do	Woollen and worsted textiles	United States
1750		do	Woollen and worsted textiles	United States
1751		do	Woollen and worsted textiles	United States
1752	42	do	Linen yarns	Continent of Europe.
1753		do	Cotton textiles	Continent of Europe.
1754	1	Overseers, spooling department	Cotton textiles	Northern district, U. S.
1755	10	do	Cotton textiles	Northern district, U. S.
1756	13	do	Cotton textiles	Northern district, U. S.
1757	15	do	Cotton textiles	Northern district, U. S.
1758	22	do	Cotton textiles	Northern district, U. S.
1759	38	do	Cotton textiles	Northern district, U. S.
1760		do	Cotton textiles	Northern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$2.41½	4	1,217	304	$2,940	$735	3.89	$756	1695
156	2.66⅔	1	146	146	388	388	0.94	415	1696
156	2.08½	4	385	96	802	201	2.47	325	1697
156	3.50	3	306	102	1,071	357	1.96	546	1698
156	3.00	1	146	146	438	436	0.94	468	1699
312	2.50	1	302	302	755	755	0.96	783	1700
156	3.14½	1	156	156	491	491	1.00	491	1701
312	3.50	1	309	309	1,082	1,082	0.99	1,093	1702
294	4.46½	3	268	89	1,196	399	0.91	1,312	1703
156	3.13½	2	168	84	527	264	1.08	489	1704
313	3.00	1	284	284	851	851	0.91	938	1705
313	1.93½	2	363	182	702	351	1.16	605	1706
313	1.75	1	297	297	521	521	0.95	549	1707
156	2.50	1	154	154	385	385	0.99	390	1708
313	3.50	1	312	312	1,092	1,092	1.00	1,096	1709
313	2.44	2	608	304	1,485	743	1.95	764	1710
313	3.25	1	310	310	1,008	1,008	0.99	1,018	1711
313	2.38½	3	286	95	682	227	0.91	746	1712
313	2.50	1	257	257	643	643	0.82	783	1713
313	4.01	1	298	298	1,195	1,195	0.95	1,255	1714
313	3.50	6	527	88	1,843	307	1.68	1,095	1715
156	1.61	4	624	156	1,004	251	4.00	251	1716
72	1.23⅓	4	274	69	338	85	3.80	89	1717
313	1.02	4	1,056	264	1,076	269	3.37	319	1718
78	2.43½	1	78	78	190	190	1.00	190	1719
78	4.00	1	78	78	312	312	1.00	312	1720
156	4.00	1	156	156	624	624	1.00	624	1721
313	2.60	1	281	281	729	729	0.90	812	1722
156	3.35½	2	164	82	550	275	1.05	523	1723
313	2.50	1	309	309	773	773	0.99	783	1724
72	.95	2	144	72	137	69	2.00	69	1725
78	.95½	3	234	78	223	74	3.00	74	1726
78	1.54	1	78	78	120	120	1.00	120	1727
156	1.42	2	312	156	443	222	2.00	222	1728
6	1.41½	2	12	6	17	9	2.00	9	1729
6	1.82½	1	6	6	11	11	1.00	11	1730
6	2.00	1	6	6	12	12	1.00	12	1731
156	2.23	1	156	156	348	348	1.00	348	1732
78	1.59	1	78	78	124	124	1.00	124	1733
156	2.50	1	156	156	389	389	1.00	389	1734
313	3.00	1	301	301	902	902	0.96	938	1735
313	2.39½	1	319	319	764	764	1.02	750	1736
156	2.37½	1	134	134	317	317	0.86	369	1737
313	2.50	1	326	326	816	816	1.04	783	1738
156	3.00	1	152	152	455	455	0.97	467	1739
313	3.00	1	318	318	953	953	1.02	933	1740
313	3.00	1	280	280	840	840	0.89	939	1741
162	2.50	1	162	162	405	405	1.00	405	1742
84	2.25	1	83	83	186	186	0.99	188	1743
156	3.00	1	154	154	461	461	0.99	467	1744
156	2.00	1	147	147	294	294	0.94	312	1745
156	2.50	1	148	148	370	370	0.95	390	1746
156	2.62	2	305	152	799	400	1.95	409	1747
156	4.00	1	145	145	580	580	0.93	624	1748
289	2.75	1	261	261	718	718	0.90	795	1749
313	3.00	1	268	268	803	803	0.86	938	1750
313	2.50	1	300	300	750	750	0.96	783	1751
313	1.11	1	313	313	354	354	1.00	354	1752
313	1.15½	1	300	300	346	346	0.96	361	1753
156	1.00	1	147	147	147	147	0.94	156	1754
156	2.75	1	155	155	426	426	0.99	429	1755
156	1.87	1	143	143	267	267	0.92	291	1756
156	3.50	1	154	154	539	539	0.99	546	1757
313	1.65	1	275	275	454	454	0.88	517	1758
313	3.00	1	312	312	936	936	1.00	939	1759
156	3.50	1	152	152	532	532	0.97	546	1760

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
1761	46	Overseers, spooling dep't—conc'd	Cotton textiles	Southern district, U. S.
1762	67	do	Cotton textiles	Southern district, U. S.
1763		do	Cotton textiles	Southern district, U. S.
1764	71	do	Cotton textiles	Continent of Europe
1765	91	do	Cotton textiles	Continent of Europe
1766	92	do	Cotton textiles	Continent of Europe
1767		do	Cotton textiles	Continent of Europe
1768	75	do	Cotton textiles	Great Britain
1769	21	do	Woollen and worsted textiles	United States
1770	40	do	Woollen and worsted textiles	United States
1771		do	Woollen and worsted textiles	United States
1772		do	Linen yarns	Continent of Europe
1773	26	Overseers, twisting department	Woollen and worsted textiles	United States
1774		do	Woollen and worsted textiles	United States
1775	26	Overseers, warping department	Woollen and worsted textiles	United States
1776		do	Woollen and worsted textiles	United States
1777	1	Overseers, weaving department	Cotton textiles	Northern district, U. S.
1778	3	do	Cotton textiles	Northern district, U. S.
1779	4	do	Cotton textiles	Northern district, U. S.
1780	9	do	Cotton textiles	Northern district, U. S.
1781	10	do	Cotton textiles	Northern district, U. S.
1782	11	do	Cotton textiles	Northern district, U. S.
1783	12	do	Cotton textiles	Northern district, U. S.
1784	13	do	Cotton textiles	Northern district, U. S.
1785	15	do	Cotton textiles	Northern district, U. S.
1786	17	do	Cotton textiles	Northern district, U. S.
1787	19	do	Cotton textiles	Northern district, U. S.
1788	20	do	Cotton textiles	Northern district, U. S.
1789	22	do	Cotton textiles	Northern district, U. S.
1790	26	do	Cotton textiles	Northern district, U. S.
1791	28	do	Cotton textiles	Northern district, U. S.
1792	36	do	Cotton textiles	Northern district, U. S.
1793	37	do	Cotton textiles	Northern district, U. S.
1794	82	do	Cotton textiles	Northern district, U. S.
1795	85	do	Cotton textiles	Northern district, U. S.
1796	88	do	Cotton textiles	Northern district, U. S.
1797		do	Cotton textiles	Southern district, U. S.
1798	42	do	Cotton textiles	Southern district, U. S.
1799	44	do	Cotton textiles	Southern district, U. S.
1800	45	do	Cotton textiles	Southern district, U. S.
1801	47	do	Cotton textiles	Southern district, U. S.
1802	49	do	Cotton textiles	Southern district, U. S.
1803	50	do	Cotton textiles	Southern district, U. S.
1804	51	do	Cotton textiles	Southern district, U. S.
1805	57	do	Cotton textiles	Southern district, U. S.
1806	59	do	Cotton textiles	Southern district, U. S.
1807	60	do	Cotton textiles	Southern district, U. S.
1808	62	do	Cotton textiles	Southern district, U. S.
1809	64	do	Cotton textiles	Southern district, U. S.
1810	67	do	Cotton textiles	Southern district, U. S.
1811	68	do	Cotton textiles	Southern district, U. S.
1812	70	do	Cotton textiles	Southern district, U. S.
1813		do	Cotton textiles	Continent of Europe
1814	71	do	Cotton textiles	Continent of Europe
1815	91	do	Cotton textiles	Continent of Europe
1816	92	do	Cotton textiles	Great Britain
1817		do	Woollen and worsted textiles	United States
1818	75	do	Woollen and worsted textiles	United States
1819	3	do	Woollen and worsted textiles	United States
1820	7	do	Woollen and worsted textiles	United States
1821	8	do	Woollen and worsted textiles	United States
1822	12	do	Woollen and worsted textiles	United States
1823	15	do	Woollen and worsted textiles	United States
1824	16	do	Woollen and worsted textiles	United States
1825	21	do	Woollen and worsted textiles	United States
1826	24	do	Woollen and worsted textiles	United States

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion. Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
312	$3.25	1	309	309	$1,004	$1,004	0.99	$1,014	1761
313	1.75	1	126	126	220	220	0.40	547	1762
313	3.30	3	205	68	676	225	0.66	1,032	1763
313	.59½	1	291	291	173	173	0.93	186	1764
156	.92½	1	163	163	151	151	1.04	145	1765
72	.96	1	72	72	69	69	1.00	69	1766
313	.73	2	636	318	463	232	2.03	228	1767
78	.97½	1	78	78	76	76	1.00	76	1768
313	2.50	1	313	313	783	783	1.00	783	1769
156	2.25	1	154	154	345	345	0.99	349	1770
156	3.33½	1	154	154	512	512	0.99	519	1771
313	1.02	1	300	300	306	306	0.96	319	1772
162	2.00	1	162	162	324	324	1.00	324	1773
156	3.00	1	151	151	453	453	0.97	468	1774
162	2.12½	1	162	162	344	344	1.00	344	1775
156	3.33½	1	141	141	470	470	0.90	520	1776
156	3.50	1	153	153	534	534	0.98	544	1777
156	3.35	1	153	153	512	512	0.98	522	1778
156	3.75	1	154	154	578	578	0.99	586	1779
156	2.50	1	141	141	352	352	0.90	389	1780
156	2.75	1	154	154	424	424	0.99	430	1781
313	2.25	1	280	280	629	629	0.89	703	1782
313	3.00	1	277	277	831	831	0.88	939	1783
156	2.50	1	148	148	370	370	0.95	390	1784
156	4.50	2	219	110	986	493	1.40	702	1785
313	3.33½	1	303	303	1,000	1,000	0.97	1,033	1786
156	6.28	1	153	153	961	961	0.98	980	1787
24	2.75	1	24	24	66	66	1.00	66	1788
313	2.09	4	995	249	2,079	520	3.18	654	1789
156	3.75	1	153	153	574	574	0.98	585	1790
156	5.00	3	307	102	1,511	504	1.97	768	1791
313	3.97	2	554	277	2,198	1,099	1.77	1,242	1792
313	3.00	1	305	305	891	891	0.97	914	1793
156	3.33½	1	146	146	485	485	0.94	518	1794
156	2.66½	1	84	84	225	225	0.54	418	1795
156	3.50	1	153	153	536	536	0.98	547	1796
156	3.00	1	152	152	456	456	0.97	468	1797
313	3.50	1	312	312	1,092	1,092	1.00	1,096	1798
156	3.14	1	156	156	490	490	1.00	490	1799
312	3.50	1	308	308	1,078	1,078	0.99	1,092	1800
294	4.41½	2	197	99	870	435	0.67	1,298	1801
156	4.00	1	156	156	624	624	1.00	624	1802
313	3.25	1	296	296	963	963	0.95	1,018	1803
313	3.00	1	192	192	576	576	0.61	939	1804
313	3.14	1	309	309	970	970	0.99	983	1805
156	3.00	1	96	96	288	288	0.62	468	1806
313	3.50	1	312	312	1,092	1,092	1.00	1,096	1807
313	4.50	1	310	310	1,393	1,393	0.99	1,406	1808
313	2.78½	2	436	218	1,214	607	1.39	872	1809
313	2.89½	3	126	42	365	122	0.41	907	1810
313	2.50	1	297	297	743	743	0.95	783	1811
313	3.34½	1	308	308	1,030	1,030	0.98	1,047	1812
313	4.12½	2	628	314	2,590	1,295	2.00	1,291	1813
313	.91½	5	1,218	244	1,114	223	3.89	286	1814
156	1.44	3	468	156	675	225	3.00	225	1815
72	.98½	4	292	73	287	72	4.06	71	1816
313	2.09½	1	300	300	628	628	0.96	655	1817
78	2.03	1	78	78	158	158	1.00	158	1818
156	2.50	1	152	152	380	380	0.97	390	1819
313	3.25	1	299	299	971	971	0.96	1,016	1820
313	2.50	1	305	305	763	763	0.97	783	1821
156	2.75	1	137	137	377	377	0.88	429	1822
313	2.75	1	312	312	857	857	1.00	860	1823
156	3.00	1	152	152	455	455	0.97	467	1824
313	3.00	1	308	308	924	924	0.98	939	1825
313	2.74½	2	582	291	1,597	799	1.86	859	1826

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
1827	26	Overseers, weaving dep't—conc'd	Woollen and worsted textiles.	United States.
1828	34	....do	Woollen and worsted textiles.	United States.
1829	36	....do	Woollen and worsted textiles.	United States.
1830	37	....do	Woollen and worsted textiles.	United States.
1831	40	....do	Woollen and worsted textiles.	United States.
1832	———	....do	Woollen and worsted textiles.	United States.
1833	———	....do	Woollen and worsted textiles.	United States.
1834	———	....do	Woollen and worsted textiles.	United States.
1835	———	....do	Woollen and worsted textiles.	United States.
1836	———	....do	Woollen and worsted textiles.	United States.
1837	———	....do	Woollen and worsted textiles.	United States.
1838	———	....do	Woollen and worsted textiles.	Continent of Europe.
1839	42	....do	Cotton yarns	Continent of Europe.
1840	17	Overseer, winding department.	Cotton textiles	Northern district, U. S.
1841	37	Overseer and picking-room hand.	Cotton textiles	Northern district, U. S.
1842	15	Overseers and second hands	Cotton textiles	Northern district, U. S.
1843	37	....do	Cotton textiles	Southern district, U. S.
1844	47	....do	Cotton textiles	Northern district, U. S.
1845	12	Packers	Cotton textiles	Northern district, U. S.
1846	36	....do	Cotton textiles	Northern district, U. S.
1847	38	....do	Cotton textiles	Northern district, U. S.
1848	82	....do	Cotton textiles	Southern district, U. S.
1849	60	....do	Cotton textiles	Southern district, U. S.
1850	68	....do	Cotton textiles	Continent of Europe.
1851	71	....do	Cotton textiles	Continent of Europe.
1852	91	....do	Cotton textiles	Continent of Europe.
1853	92	....do	Cotton textiles	Continent of Europe.
1854	93	....do	Cotton textiles	Continent of Europe.
1855	———	....do	Cotton textiles	Northern district, U. S.
1856	1	....do	Cotton yarns	Continent of Europe.
1857	16	....do	Cotton yarns	Continent of Europe.
1858	17	....do	Cotton yarns	Great Britain.
1859	19	....do	Cotton yarns	Great Britain.
1860	22	....do	Cotton yarns	Great Britain.
1861	24	....do	Cotton yarns	Great Britain.
1862	25	....do	Cotton yarns	Great Britain.
1863	26	....do	Cotton yarns	Great Britain.
1864	28	....do	Cotton yarns	Great Britain.
1865	———	....do	Cotton yarns	Great Britain.
1866	12	....do	Woollen and worsted textiles.	United States.
1867	21	....do	Woollen and worsted textiles.	United States.
1868	34	....do	Woollen and worsted textiles.	United States.
1869	———	....do	Woollen and worsted textiles.	United States.
1870	42	....do	Woollen and worsted textiles.	Continent of Europe.
1871	———	....do	Woollen and worsted textiles.	Continent of Europe.
1872	———	....do	Linen textiles	Continent of Europe.
1873	———	....do	Linen yarns	Continent of Europe.
1874	1	Painters	Cotton textiles	Northern district, U. S.
1875	4	....do	Cotton textiles	Northern district, U. S.
1876	10	....do	Cotton textiles	Northern district, U. S.
1877	15	....do	Cotton textiles	Northern district, U. S.
1878	22	....do	Cotton textiles	Northern district, U. S.
1879	26	....do	Cotton textiles	Northern district, U. S.
1880	28	....do	Cotton textiles	Northern district, U. S.
1881	37	....do	Cotton textiles	Northern district, U. S.
1882	46	....do	Cotton textiles	Southern district, U. S.
1883	47	....do	Cotton textiles	Southern district, U. S.
1884	60	....do	Cotton textiles	Southern district, U. S.
1885	62	....do	Cotton textiles	Southern district, U. S.
1886	67	....do	Cotton textiles	Southern district, U. S.
1887	———	....do	Cotton textiles	Continent of Europe.
1888	———	....do	Woollen and worsted textiles.	United States.
1889	———	....do	Linen yarns	Continent of Europe.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion. Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
162	$2.83½	2	144	72	$408	$204	0.89	$459	1827
313	3.15	2	537	269	1,692	846	1.72	986	1828
72	3.00	1	73	73	219	219	1.01	216	1829
313	2.42	5	226	45	547	109	0.72	758	1830
156	3.00	1	154	154	461	461	0.99	467	1831
156	2.25	1	147	147	330	330	0.94	350	1832
156	3.60	1	158	158	474	474	1.01	468	1833
156	5.00	1	140	140	698	698	0.90	778	1834
158	3.50	1	165	165	577	577	1.04	553	1835
289	3.00	1	269	269	806	806	0.93	866	1836
313	3.00	1	264	264	792	792	0.84	939	1837
313	2.50	1	300	300	750	750	0.96	783	1838
313	1.14	15	4,695	313	5,347	356	15.00	356	1839
72	.42½	1	72	72	31	31	1.00	31	1840
313	2.77	1	299	299	828	828	0.96	867	1841
156	2.44	1	154	154	376	376	0.99	381	1842
313	2.68	1	305	305	817	817	0.97	838	1843
294	2.72	1	150	150	408	408	0.51	800	1844
313	1.00	2	245	123	245	123	0.78	313	1845
313	.58	1	77	77	45	45	0.25	183	1846
313	1.58½	1	304	304	481	481	0.97	495	1847
156	.83½	1	145	145	121	121	0.93	130	1848
313	.50	1	46	46	23	23	0.15	157	1849
313	1.75	1	274	274	430	480	0.88	548	1850
313	.48	1	258	258	124	124	0.82	150	1851
156	(a)	19	(a)	(a)	1,133	60	(a)	(a)	1852
72	.80½	8	647	81	520	65	8.99	58	1853
313	.55½	3	939	313	519	173	3.00	173	1854
313	.61½	1	215	215	132	132	0.69	192	1855
78	1.06	7	404	58	428	61	5.17	83	1856
72	.28½	8	541	68	153	19	7.52	20	1857
72	.45½	1	72	72	33	33	1.00	33	1858
78	.38	2	105	53	40	20	1.34	30	1859
156	.69	1	142	142	97	97	0.91	107	1860
6	.71½	7	42	6	30	4	7.00	4	1861
6	.58½	6	36	6	21	4	6.00	4	1862
6	.75	6	36	6	27	5	6.00	5	1863
156	.49	7	810	116	396	57	5.19	76	1864
78	.47½	1	74	74	35	35	0.95	37	1865
156	1.47	2	144	72	212	106	0.92	230	1866
313	2.25	1	319	319	717	717	1.02	704	1867
313	1.25	2	390	195	488	244	1.25	392	1868
156	1.11¼	5	547	109	611	122	3.51	174	1869
313	.63	1	320	320	201	201	1.02	197	1870
156	.31¼	4	624	156	195	49	4.00	49	1871
144	.31½	3	432	144	136	45	3.00	45	1872
313	.71½	4	1,195	299	856	214	3.82	224	1873
156	2.00	1	135	135	269	269	0.87	311	1874
156	2.00	1	147	147	295	295	0.94	313	1875
156	1.34½	2	142	71	191	96	0.91	210	1876
156	1.66½	1	157	157	264	264	1.01	262	1877
313	1.49½	20	1,431	72	2,137	107	4.57	467	1878
156	1.90	1	157	157	298	298	1.01	296	1879
156	2.20	1	151	151	332	332	0.97	343	1880
313	1.75	1	304	304	532	532	0.97	548	1881
312	1.27	3	147	49	187	62	0.47	397	1882
294	1.33	14	1,383	99	1,839	131	4.70	391	1883
313	1.00	1	273	273	273	273	0.87	313	1884
313	1.00	1	226	226	226	226	0.72	313	1885
313	1.00	1	2	2	2	2	0.01	313	1886
313	.58	1	320	320	186	186	1.02	182	1887
156	1.54	1	157	157	241	241	1.01	239	1888
313	.70½	1	289	289	204	204	0.92	221	1889

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
1890	46	Patternmakers	Cotton textiles	Southern district, U. S.
1891		do	Woollen and worsted textiles.	Continent of Europe.
1892		do	Linen textiles	Continent of Europe.
1893		do	Linen yarns	Continent of Europe.
1894	3	Pickers	Woollen and worsted textiles.	United States.
1895	12	do	Woollen and worsted textiles.	United States.
1896	15	do	Woollen and worsted textiles.	United States.
1897	34	do	Woollen and worsted textiles.	United States.
1898	36	do	Woollen and worsted textiles.	United States.
1899		do	Woollen and worsted textiles.	United States.
1900		do	Cotton textiles	Northern district, U. S.
1901	1	Picking-room hands	Cotton textiles	Northern district, U. S.
1902	3	do	Cotton textiles	Northern district, U. S.
1903	4	do	Cotton textiles	Northern district, U. S.
1904	9	do	Cotton textiles	Northern district, U. S.
1905	10	do	Cotton textiles	Northern district, U. S.
1906	11	do	Cotton textiles	Northern district, U. S.
1907	12	do	Cotton textiles	Northern district, U. S.
1908	13	do	Cotton textiles	Northern district, U. S.
1909	15	do	Cotton textiles	Northern district, U. S.
1910	17	do	Cotton textiles	Northern district, U. S.
1911	19	do	Cotton textiles	Northern district, U. S.
1912	20	do	Cotton textiles	Northern district, U. S.
1913	22	do	Cotton textiles	Northern district, U. S.
1914	26	do	Cotton textiles	Northern district, U. S.
1915	28	do	Cotton textiles	Northern district, U. S.
1916	36	do	Cotton textiles	Northern district, U. S.
1917	37	do	Cotton textiles	Northern district, U. S.
1918	38	do	Cotton textiles	Northern district, U. S.
1919	82	do	Cotton textiles	Northern district, U. S.
1920	85	do	Cotton textiles	Northern district, U. S.
1921	88	do	Cotton textiles	Northern district, U. S.
1922		do	Cotton textiles	Southern district, U. S.
1923	42	do	Cotton textiles	Southern district, U. S.
1924	44	do	Cotton textiles	Southern district, U. S.
1925	46	do	Cotton textiles	Southern district, U. S.
1926	47	do	Cotton textiles	Southern district, U. S.
1927	49	do	Cotton textiles	Southern district, U. S.
1928	50	do	Cotton textiles	Southern district, U. S.
1929	51	do	Cotton textiles	Southern district, U. S.
1930	57	do	Cotton textiles	Southern district, U. S.
1931	59	do	Cotton textiles	Southern district, U. S.
1932	60	do	Cotton textiles	Southern district, U. S.
1933	62	do	Cotton textiles	Southern district, U. S.
1934	64	do	Cotton textiles	Southern district, U. S.
1935	67	do	Cotton textiles	Southern district, U. S.
1936	68	do	Cotton textiles	Southern district, U. S.
1937	70	do	Cotton textiles	Southern district, U. S.
1938		do	Cotton textiles	Southern district, U. S.
1939	91	do	Cotton textiles	Continent of Europe.
1940	92	do	Cotton textiles	Continent of Europe.
1941		do	Cotton textiles	Continent of Europe.
1942	75	do	Cotton textiles	Great Britain.
1943	1	do	Cotton yarns	Northern district, U. S.
1944		do	Cotton yarns	Northern district, U. S.
1945	9	do	Cotton yarns	Southern district, U. S.
1946	10	do	Cotton yarns	Southern district, U. S.
1947	11	do	Cotton yarns	Southern district, U. S.
1948	16	do	Cotton yarns	Continent of Europe.
1949	17	do	Cotton yarns	Continent of Europe.
1950	18	do	Cotton yarns	Continent of Europe.
1951	19	do	Cotton yarns	Great Britain.
1952	22	do	Cotton yarns	Great Britain.
1953	24	do	Cotton yarns	Great Britain.
1954	25	do	Cotton yarns	Great Britain.
1955	26	do	Cotton yarns	Great Britain.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
312	$1.75	1	306	306	$539	$539	0.98	$550	1890
156	.23	5	780	156	181	36	5.00	36	1891
144	.32½	1	144	144	47	47	1.00	47	1892
313	.71	1	301	301	214	214	0.96	223	1893
156	1.06½	6	527	88	562	94	3.37	166	1894
156	1.12½	2	259	130	291	146	1.66	175	1895
313	1.33½	1	296	296	394	394	0.95	417	1896
313	2.78½	2	276	138	769	385	0.88	872	1897
72	.96½	4	238	60	230	58	3.31	70	1898
156	1.12½	2	291	146	328	164	1.87	176	1899
313	.96	4	460	115	441	110	1.47	300	1900
156	.93½	6	604	101	566	94	3.87	146	1901
156	1.32	3	278	93	367	122	1.78	206	1902
156	.91½	12	1,279	107	1,168	97	8.20	142	1903
156	1.00	7	366	52	369	53	2.35	157	1904
156	1.00	7	1,072	153	1,072	153	6.87	156	1905
313	1.01½	2	310	155	314	157	0.99	317	1906
313	.95	8	1,184	148	1,126	141	3.79	298	1907
156	1.02½	6	701	117	720	120	4.50	160	1908
156	1.01	51	2,806	55	2,829	55	17.98	157	1909
313	.77½	49	1,204	25	934	19	3.85	243	1910
156	1.14	11	1,338	122	1,524	139	8.59	178	1911
24	.97	6	96	16	93	16	4.00	23	1912
313	1.05½	63	7,500	119	7,902	125	23.95	329	1913
156	1.05	7	586	84	615	88	3.76	164	1914
156	1.24½	25	2,499	100	3,112	124	16.02	194	1915
313	.85	13	2,171	167	1,842	142	6.93	266	1916
313	.77½	26	4,034	155	3,122	120	12.89	242	1917
313	1.23	5	1,245	249	1,533	307	3.98	385	1918
156	1.22	6	726	121	886	148	4.65	190	1919
156	1.01½	10	860	86	871	87	5.51	158	1920
156	1.05	6	515	86	541	90	3.30	164	1921
156	.91½	8	735	92	672	84	4.71	143	1922
313	.74½	8	825	103	614	77	2.63	233	1923
156	.80½	6	593	99	476	79	3.81	125	1924
312	.90	10	1,111	111	998	100	3.56	280	1925
294	.79½	23	1,960	85	1,559	68	6.66	234	1926
156	.86½	42	2,599	62	2,252	54	16.66	135	1927
313	.85	14	1,214	87	1,031	74	3.88	266	1928
313	.96½	3	413	138	399	133	1.32	302	1929
313	.54½	2	557	279	304	152	1.78	171	1930
156	1.11½	2	308	154	343	172	1.97	174	1931
313	.71	9	1,705	189	1,214	135	5.44	223	1932
313	.64	13	2,768	213	1,768	136	8.85	200	1933
313	.95½	12	1,644	137	1,570	131	5.25	299	1934
313	1.04½	2	579	290	606	303	1.85	328	1935
313	.95	5	858	172	814	163	2.74	297	1936
313	.74	10	1,180	118	874	87	3.76	232	1937
313	.94½	49	4,822	98	4,548	93	15.39	295	1938
156	.52½	41	3,303	81	1,738	42	21.19	82	1939
72	.37½	36	2,525	70	952	26	35.07	27	1940
313	.39½	22	7,208	328	2,850	130	23.03	124	1941
78	.47	5	372	74	174	35	4.76	36	1942
78	1.15½	11	721	66	832	76	9.24	90	1943
156	1.03	24	1,627	68	1,676	70	10.42	161	1944
313	.89	5	863	173	770	154	2.76	279	1945
156	.75	4	323	81	240	60	2.07	116	1946
313	.61½	8	1,229	154	756	95	3.92	193	1947
72	.34½	19	1,178	62	408	21	16.37	25	1948
72	.35½	3	207	69	74	25	2.88	26	1949
78	.42	18	1,404	78	587	33	18.00	33	1950
78	.81	3	228	76	185	62	2.91	63	1951
156	.53½	5	708	142	379	76	4.54	84	1952
6	.79	8	48	6	38	5	8.00	5	1953
6	.80½	6	36	6	29	5	6.00	5	1954
6	.74	11	66	6	49	4	11.00	4	1955

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
1956	28	Picking-room hands—conc'd	Cotton yarns	Great Britain
1957		do	Cotton yarns	Great Britain
1958	7	do	Woollen and worsted textiles	United States
1959	8	do	Woollen and worsted textiles	United States
1960	16	do	Woollen and worsted textiles	United States
1961	21	do	Woollen and worsted textiles	United States
1962	26	do	Woollen and worsted textiles	United States
1963	40	do	Woollen and worsted textiles	United States
1964		do	Cotton textiles	Southern district, U. S.
1965	50	Picking-room hand and watchman.	Cotton textiles	Northern district, U. S.
1966	13	Piecers	Cotton textiles	Northern district, U. S.
1967	37	do	Cotton textiles	Northern district, U. S.
1968	38	do	Cotton textiles	Northern district, U. S.
1969	82	do	Cotton textiles	Northern district, U. S.
1970	85	do	Cotton textiles	Southern district, U. S.
1971	46	do	Cotton textiles	Southern district, U. S.
1972	47	do	Cotton textiles	Southern district, U. S.
1973	60	do	Cotton textiles	Southern district, U. S.
1974		do	Cotton textiles	Continent of Europe
1975	91	do	Cotton textiles	Continent of Europe
1976	92	do	Cotton textiles	Continent of Europe
1977		do	Cotton textiles	Great Britain
1978	75	do	Cotton yarns	Northern district, U. S.
1979	1	do	Cotton yarns	Continent of Europe
1980	16	do	Cotton yarns	Continent of Europe
1981	17	do	Cotton yarns	Continent of Europe
1982	18	do	Cotton yarns	Great Britain
1983	19	do	Cotton yarns	Great Britain
1984	22	do	Cotton yarns	Great Britain
1985	24	do	Cotton yarns	Great Britain
1986	25	do	Cotton yarns	Great Britain
1987	26	do	Cotton yarns	Great Britain
1988	28	do	Cotton yarns	Great Britain
1989		do	Woollen and worsted textiles	United States
1990	16	do	Woollen and worsted textiles	United States
1991	34	do	Woollen and worsted textiles	United States
1992	36	do	Woollen and worsted textiles	United States
1993		do	Woollen and worsted textiles	Continent of Europe
1994	42	do	Woollen and worsted textiles	Continent of Europe
1995		do	Linen textiles	Continent of Europe
1996		do	Silk textiles	Continent of Europe
1997	4	do	Cotton textiles	Northern district, U. S.
1998	19	Pinning hands	Cotton textiles	Northern district, U. S.
1999	22	Pipers	Cotton textiles	Northern district, U. S.
2000	26	do	Cotton textiles	Southern district, U. S.
2001	47	Plumbers	Cotton textiles	Continent of Europe
2002		do	Cotton textiles	Northern district, U. S.
2003	22	Policemen	Cotton textiles	Southern district, U. S.
2004	49	do	Cotton textiles	Northern district, U. S.
2005	38	Press hands	Cotton textiles	Northern district, U. S.
2006	88	do	Cotton textiles	Southern district, U. S.
2007	42	do	Cotton textiles	Southern district, U. S.
2008	46	do	Cotton textiles	Southern district, U. S.
2009	50	do	Cotton textiles	Southern district, U. S.
2010	51	do	Cotton textiles	Southern district, U. S.
2011	60	do	Cotton textiles	Southern district, U. S.
2012	62	do	Cotton textiles	Southern district, U. S.
2013	64	do	Cotton textiles	Southern district, U. S.
2014		do	Cotton textiles	Continent of Europe
2015	91	do	Woollen and worsted textiles	United States
2016	7	do	Woollen and worsted textiles	United States
2017	8	do	Woollen and worsted textiles	United States
2018	12	do		

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$0.35½	9	1,030	114	$367	$41	6.59	$56	1956
78	.82	3	221	74	181	60	2.84	64	1957
313	1.25	10	976	98	1,217	122	3.12	390	1958
313	1.25	1	264	264	330	330	0.84	391	1959
156	1.50	3	311	104	466	155	1.99	234	1960
313	.95	15	3,922	261	3,733	249	12.53	298	1961
162	.95½	2	261	131	249	125	1.61	155	1962
156	.91	9	1,080	120	984	109	6.92	142	1963
156	1.17	4	478	120	559	140	3.06	182	1964
365	.93½	1	357	357	334	334	0.98	341	1965
156	.52	3	406	135	211	70	2.61	81	1966
313	.69½	5	1,440	288	998	200	4.60	217	1967
313	.54	6	871	145	475	79	2.78	171	1968
156	.51½	13	1,309	101	674	52	8.40	80	1969
156	.70	26	2,491	96	1,745	67	15.97	109	1970
312	.75	2	236	118	174	87	0.76	230	1971
294	.52½	21	1,615	77	851	41	5.50	155	1972
313	(a)	14	(a)	(a)	1,746	125	(a)	(a)	1973
313	.50½	21	2,575	123	1,303	62	8.24	158	1974
156	.55½	75	8,348	111	4,631	62	53.51	87	1975
72	(a)	30	(a)	(a)	1,039	35	(a)	(a)	1976
313	.46	95	15,454	163	7,136	75	49.37	145	1977
78	(a)	15	(a)	(a)	595	40	(a)	(a)	1978
78	.55½	41	2,317	57	1,286	31	29.70	43	1979
72	.35½	12	726	61	257	21	10.08	25	1980
72	.29	8	517	65	151	19	7.18	21	1981
78	.30	41	3,198	78	957	23	41.00	23	1982
78	.51½	23	1,740	76	898	39	22.31	40	1983
156	.54	4	559	140	302	76	3.58	84	1984
6	.58	34	204	6	118	3	34.00	3	1985
6	.52	54	324	6	168	3	54.00	3	1986
6	.54	74	444	6	239	3	74.00	3	1987
156	.54	60	9,030	151	4,882	81	57.83	84	1988
78	.51½	23	1,702	74	878	38	21.31	40	1989
156	.60	18	2,165	120	1,296	72	13.87	93	1990
313	.50	20	3,311	166	1,676	84	10.58	158	1991
72	.54	12	748	62	404	34	10.39	39	1992
289	1.18	4	317	79	374	94	1.09	341	1993
313	.34½	33	9,053	274	3,133	95	28.92	108	1994
156	.47	1	156	156	73	73	1.00	73	1995
144	.17	1	141	141	24	24	0.98	25	1996
313	.53½	47	8,957	191	4,787	102	28.62	167	1997
150	1.15	3	162	54	188	63	1.04	181	1998
313	1.82	4	781	195	1,423	356	2.50	570	1999
156	1.35	1	187	187	253	253	1.20	211	2000
294	2.00	1	304	304	607	607	1.03	587	2001
313	.77	1	82	82	63	63	0.26	240	2002
365	1.60	1	364	364	582	582	1.00	584	2003
156	.50	1	26	26	13	13	0.17	78	2004
313	.66½	1	304	304	203	203	0.97	209	2005
156	1.33½	1	35	35	47	47	0.22	209	2006
313	.68	1	75	75	51	51	0.24	213	2007
312	1.25	2	299	150	374	187	0.96	390	2008
313	.90	2	282	141	252	126	0.90	280	2009
313	.96	1	301	301	289	289	0.96	301	2010
313	.72½	6	902	150	655	109	2.88	227	2011
313	.64	8	1,381	173	887	111	4.41	201	2012
313	1.00	3	483	161	483	161	1.54	313	2013
313	.95½	3	453	153	438	146	1.46	299	2014
156	1.83½	1	156	156	286	286	1.00	286	2015
313	1.25	1	279	279	349	349	0.89	392	2016
313	1.50	1	307	307	460	460	0.98	469	2017
156	1.28½	3	389	130	499	166	2.50	200	2018

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
2019	16	Press hands—concluded	Woollen and worsted textiles.	United States.
2020	21	do	Woollen and worsted textiles.	United States.
2021	26	do	Woollen and worsted textiles.	United States.
2022	40	do	Woollen and worsted textiles.	United States.
2023		do	Woollen and worsted textiles.	United States.
2024		do	Woollen and worsted textiles.	United States.
2025		do	Woollen and worsted textiles.	United States.
2026		do	Cotton textiles.	Continent of Europe.
2027	91	Pulsometer tender	Cotton textiles.	Northern district, U. S.
2028	15	Quillers	Cotton textiles.	Southern district, U. S.
2029	47	do	Cotton textiles.	Southern district, U. S.
2030	57	do	Cotton textiles.	Southern district, U. S.
2031	64	do	Cotton textiles.	Southern district, U. S.
2032	67	do	Cotton textiles.	Southern district, U. S.
2033		do	Cotton textiles.	Southern district, U. S.
2034	67	Quillers and spoolers	Cotton textiles.	Northern district, U. S.
2035	1	Railway hands	Cotton textiles.	Northern district, U. S.
2036	4	do	Cotton textiles.	Northern district, U. S.
2037	9	do	Cotton textiles.	Northern district, U. S.
2038	10	do	Cotton textiles.	Northern district, U. S.
2039	12	do	Cotton textiles.	Northern district, U. S.
2040	13	do	Cotton textiles.	Northern district, U. S.
2041	19	do	Cotton textiles.	Northern district, U. S.
2042	22	do	Cotton textiles.	Northern district, U. S.
2043	26	do	Cotton textiles.	Northern district, U. S.
2044	28	do	Cotton textiles.	Northern district, U. S.
2045	37	do	Cotton textiles.	Northern district, U. S.
2046	88	do	Cotton textiles.	Northern district, U. S.
2047		do	Cotton textiles.	Southern district, U. S.
2048	42	do	Cotton textiles.	Southern district, U. S.
2049	46	do	Cotton textiles.	Southern district, U. S.
2050	49	do	Cotton textiles.	Southern district, U. S.
2051	50	do	Cotton textiles.	Southern district, U. S.
2052	51	do	Cotton textiles.	Southern district, U. S.
2053	59	do	Cotton textiles.	Southern district, U. S.
2054	68	do	Cotton textiles.	Southern district, U. S.
2055		do	Cotton yarns.	Southern district, U. S.
2056	9	do	Cotton yarns.	Southern district, U. S.
2057	10	do	Cotton textiles.	Northern district, U. S.
2058	38	Reelers	Cotton textiles.	Southern district, U. S.
2059	47	do	Cotton textiles.	Southern district, U. S.
2060	49	do	Cotton textiles.	Southern district, U. S.
2061	62	do	Cotton textiles.	Southern district, U. S.
2062	64	do	Cotton textiles.	Southern district, U. S.
2063	67	do	Cotton textiles.	Southern district, U. S.
2064		do	Cotton yarns.	Northern district, U. S.
2065	1	do	Cotton yarns.	Southern district, U. S.
2066	9	do	Cotton yarns.	Southern district, U. S.
2067	10	do	Cotton yarns.	Southern district, U. S.
2068	11	do	Cotton yarns.	Great Britain.
2069	22	do	Cotton yarns.	Great Britain.
2070	28	do	Woollen and worsted textiles.	United States.
2071		do	Cotton yarns.	Great Britain.
2072	24	Reelers and winders	Cotton yarns.	Great Britain.
2073	22	Reelers' helper	Cotton textiles.	Northern district, U. S.
2074	15	Repairers	Cotton textiles.	Northern district, U. S.
2075	22	do	Cotton textiles.	Northern district, U. S.
2076	26	do	Cotton textiles.	Northern district, U. S.
2077	36	do	Cotton textiles.	Northern district, U. S.
2078	37	do	Cotton textiles.	Southern district, U. S.
2079	47	do	Cotton textiles.	Southern district, U. S.
2080	64	do	Cotton textiles.	Continent of Europe.
2081	91	do	Woollen and worsted textiles.	United States.
2082	24	do		

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$1.50	1	77	77	$116	$116	0.49	$235	2019
313	1.15½	4	1,220	305	1,410	353	3.89	362	2020
162	.60	1	121	121	73	73	0.75	98	2021
156	1.12½	3	300	100	337	112	1.92	175	2022
156	.95	1	151	151	141	141	0.97	146	2023
156	1.33½	4	425	106	568	142	2.73	208	2024
156	1.00	1	146	146	146	146	0.94	156	2025
289	1.25	1	244	244	305	305	0.84	361	2026
156	.64½	1	108	108	69	69	0.69	100	2027
156	1.00	1	75	75	76	76	0.48	158	2028
294	1.00½	23	2,705	118	2,713	118	9.20	295	2029
313	.19	3	369	123	70	23	1.18	59	2030
313	.46	19	1,578	83	723	38	5.05	143	2031
313	.52	30	934	31	486	16	2.99	163	2032
313	(a)	57	(a)	(a)	2,887	51	(a)	(a)	2033
313	.58½	59	4,264	72	2,490	42	13.63	183	2034
156	.77	4	244	61	188	47	1.56	120	2035
156	.70½	3	437	146	307	102	2.81	110	2036
156	.96½	4	230	58	222	56	1.48	151	2037
156	.39	3	311	104	122	41	1.99	61	2038
313	.34	9	783	87	268	30	2.49	107	2039
156	.48	2	268	134	129	65	1.72	75	2040
156	.65½	10	888	89	582	58	5.69	102	2041
313	.80	8	590	74	472	59	1.88	250	2042
156	.75	5	515	103	386	77	3.30	117	2043
156	.77	15	1,299	87	1,002	67	8.34	120	2044
313	1.31½	2	593	297	779	390	1.89	411	2045
156	.43½	11	570	52	257	23	3.65	70	2046
156	.79	5	317	63	250	50	2.03	123	2047
313	.60	1	71	71	43	43	0.23	190	2048
312	.77	9	1,335	148	1,031	115	4.28	241	2049
156	.50	35	1,854	53	926	26	11.89	78	2050
313	.60	1	77	77	46	46	0.25	187	2051
313	.70½	9	499	55	352	39	1.59	221	2052
156	.42½	3	249	83	106	35	1.59	66	2053
313	.64	4	464	116	297	74	1.48	200	2054
313	.42	36	4,034	112	1,701	47	12.89	132	2055
313	.53½	2	202	101	108	54	0.65	167	2056
156	.38½	4	286	72	110	28	1.83	60	2057
313	1.28	9	1,927	214	2,470	274	6.16	401	2058
294	.94½	5	877	175	827	165	2.98	277	2059
156	.66½	14	1,192	85	790	56	7.64	103	2060
313	.44½	12	1,834	153	820	68	5.86	140	2061
313	(a)	12	(a)	(a)	899	75	(a)	(a)	2062
313	(a)	21	(a)	(a)	2,005	95	(a)	(a)	2063
313	(a)	14	(a)	(a)	1,606	115	(a)	(a)	2064
78	.87	31	2,060	66	1,794	58	26.42	68	2065
313	.81½	15	1,408	94	1,115	76	4.50	255	2066
156	.56½	18	1,047	58	590	33	6.72	88	2067
313	.46½	21	2,598	124	1,203	57	8.31	145	2068
156	(a)	53	(a)	(a)	2,553	48	(a)	(a)	2069
156	.37	60	7,353	123	2,732	46	47.14	58	2070
156	.78½	11	1,313	119	1,031	94	8.42	122	2071
6	.46	36	216	6	99	3	36.00	3	2072
156	.40½	1	119	119	48	48	0.76	63	2073
156	1.35	2	30	15	40	20	0.19	208	2074
313	1.56½	51	9,906	194	15,482	304	31.66	489	2075
156	1.25	1	157	157	197	197	1.01	196	2076
313	1.50	2	364	182	546	273	1.16	470	2077
313	.94	7	928	133	871	124	2.96	294	2078
294	.94	7	353	50	331	47	1.20	276	2079
313	1.44	2	283	142	407	204	0.90	450	2080
156	1.06½	5	495	99	527	105	3.18	166	2081
313	1.73	25	2,841	114	4,909	196	9.07	541	2082

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
2083	———	Repairers—concluded	Woollen and worsted textiles	United States
2084	———	....do	Linen yarns	Continent of Europe
2085	4	Roller coverers	Cotton textiles	Northern district, U. S.
2086	11	....do	Cotton textiles	Northern district, U. S.
2087	85	....do	Cotton textiles	Northern district, U. S.
2088	42	....do	Cotton textiles	Southern district, U. S.
2089	46	....do	Cotton textiles	Southern district, U. S.
2090	49	....do	Cotton textiles	Southern district, U. S.
2091	50	....do	Cotton textiles	Southern district, U. S.
2092	51	....do	Cotton textiles	Southern district, U. S.
2093	60	....do	Cotton textiles	Southern district, U. S.
2094	62	....do	Cotton textiles	Southern district, U. S.
2095	64	....do	Cotton textiles	Southern district, U. S.
2096	———	....do	Cotton textiles	Continent of Europe
2097	91	....do	Cotton textiles	Continent of Europe
2098	92	....do	Cotton textiles	Continent of Europe
2099	———	....do	Cotton yarns	Southern district, U. S.
2100	11	....do	Cotton yarns	Continent of Europe
2101	18	....do	Cotton yarns	Great Britain
2102	22	....do	Cotton yarns	Great Britain
2103	24	....do	Cotton yarns	Great Britain
2104	25	....do	Cotton yarns	Great Britain
2105	26	....do	Cotton yarns	Great Britain
2106	28	....do	Cotton yarns	Great Britain
2107	1	Room girls	Cotton textiles	Northern district, U. S.
2108	3	....do	Cotton textiles	Northern district, U. S.
2109	4	....do	Cotton textiles	Northern district, U. S.
2110	9	....do	Cotton textiles	Northern district, U. S.
2111	22	....do	Cotton textiles	Northern district, U. S.
2112	26	....do	Cotton textiles	Northern district, U. S.
2113	28	....do	Cotton textiles	Northern district, U. S.
2114	44	....do	Cotton textiles	Southern district, U. S.
2115	46	....do	Cotton textiles	Southern district, U. S.
2116	47	....do	Cotton textiles	Southern district, U. S.
2117	49	....do	Cotton textiles	Southern district, U. S.
2118	71	....do	Cotton textiles	Continent of Europe
2119	———	Roughers	Linen yarns	Continent of Europe
2120	1	Roving carriers	Cotton textiles	Northern district, U. S.
2121	3	....do	Cotton textiles	Northern district, U. S.
2122	9	....do	Cotton textiles	Northern district, U. S.
2123	10	....do	Cotton textiles	Northern district, U. S.
2124	11	....do	Cotton textiles	Northern district, U. S.
2125	13	....do	Cotton textiles	Northern district, U. S.
2126	15	....do	Cotton textiles	Northern district, U. S.
2127	17	....do	Cotton textiles	Northern district, U. S.
2128	19	....do	Cotton textiles	Northern district, U. S.
2129	22	....do	Cotton textiles	Northern district, U. S.
2130	26	....do	Cotton textiles	Northern district, U. S.
2131	28	....do	Cotton textiles	Northern district, U. S.
2132	36	....do	Cotton textiles	Northern district, U. S.
2133	38	....do	Cotton textiles	Northern district, U. S.
2134	85	....do	Cotton textiles	Northern district, U. S.
2135	88	....do	Cotton textiles	Northern district, U. S.
2136	———	....do	Cotton textiles	Southern district, U. S.
2137	42	....do	Cotton textiles	Southern district, U. S.
2138	44	....do	Cotton textiles	Southern district, U. S.
2139	46	....do	Cotton textiles	Southern district, U. S.
2140	47	....do	Cotton textiles	Southern district, U. S.
2141	49	....do	Cotton textiles	Southern district, U. S.
2142	50	....do	Cotton textiles	Southern district, U. S.
2143	60	....do	Cotton textiles	Southern district, U. S.
2144	62	....do	Cotton textiles	Southern district, U. S.
2145	64	....do	Cotton textiles	Southern district, U. S.
2146	70	....do	Cotton textiles	Southern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$1.04	1	116	116	$120	$120	0.74	$161	2083
313	.56½	1	304	304	171	171	0.97	176	2084
156	1.99½	2	305	153	608	304	1.96	311	2085
313	1.25	1	232	232	290	290	0.74	391	2086
156	1.50	1	136	136	204	204	0.87	234	2087
313	1.33	1	296	296	393	393	0.95	416	2088
312	2.25	1	287	287	646	646	0.92	702	2089
156	1.40	1	153	153	214	214	0.98	218	2090
313	(a)	1	(a)	(a)	340	340	(a)	(a)	2091
313	2.00	1	108	108	216	216	0.35	626	2092
313	1.50	1	309	309	464	464	0.99	470	2093
313	1.75	1	322	322	563	563	1.03	547	2094
313	1.57	2	258	129	405	203	0.82	491	2095
313	2.42½	4	246	62	596	149	0.79	758	2096
156	.24	21	1,652	79	397	19	10.59	37	2097
72	.57	4	302	76	172	43	4.20	41	2098
313	.77½	1	347	347	269	269	1.11	243	2099
313	1.00	1	297	297	297	297	0.95	313	2100
78	.84½	1	78	78	66	66	1.00	66	2101
156	1.05½	1	143	143	150	150	0.92	164	2102
6	.81	1	6	6	5	5	1.00	5	2103
6	1.13½	1	6	6	7	7	1.00	7	2104
6	1.13½	1	6	6	7	7	1.00	7	2105
156	1.21½	1	156	156	190	190	1.00	190	2106
156	1.25	1	149	149	186	186	0.96	195	2107
156	1.19	3	291	97	346	115	1.87	185	2108
156	1.08½	9	1,159	129	1,258	140	7.43	169	2109
156	1.00	3	302	101	302	101	1.94	156	2110
313	.97½	113	7,725	68	7,514	66	24.68	304	2111
156	1.20	2	300	150	362	181	1.92	188	2112
156	.91½	4	595	149	544	136	3.81	143	2113
156	.90	3	262	87	235	78	1.68	140	2114
312	.90	1	198	198	178	178	0.63	280	2115
294	1.00	1	152	152	148	148	0.52	286	2116
156	1.00	7	802	115	802	115	5.14	156	2117
313	.22½	3	610	213	144	48	2.04	70	2118
313	.53½	12	2,507	209	1,341	112	8.01	167	2119
156	.91½	1	140	140	128	128	0.90	143	2120
156	.95½	1	69	69	66	66	0.44	149	2121
156	1.00	2	153	77	153	77	0.98	156	2122
156	.66½	2	134	67	89	45	0.86	104	2123
313	.50	1	75	75	38	38	0.24	159	2124
156	.69½	2	286	143	199	100	1.83	109	2125
156	.84	3	149	50	125	42	0.95	131	2126
313	.82	5	374	75	306	61	1.20	256	2127
156	1.03	18	1,249	69	1,287	72	8.01	161	2128
313	1.01	44	2,898	66	2,924	66	9.26	316	2129
156	.75	5	583	117	437	87	3.74	117	2130
156	.69	21	1,728	82	1,196	57	11.07	108	2131
313	.56½	3	394	131	223	74	1.26	177	2132
313	.60	3	430	143	259	86	1.37	189	2133
156	.79	2	279	140	220	110	1.79	123	2134
156	.55½	5	331	66	183	37	2.12	86	2135
156	1.00½	4	290	73	292	73	1.86	157	2136
313	.70	10	496	50	347	35	1.59	219	2137
156	.75	2	62	31	46	23	0.40	116	2138
312	.80	3	582	194	466	155	1.87	250	2139
294	.80½	15	1,581	105	1,274	85	5.39	237	2140
156	.60½	20	1,334	67	806	40	8.55	94	2141
313	.75	2	335	168	256	128	1.07	239	2142
313	.53½	4	482	121	257	64	1.54	167	2143
313	.37	4	215	54	80	20	0.68	116	2144
313	.41½	12	1,488	124	615	51	4.76	129	2145
313	.85½	2	611	306	521	261	1.95	267	2146

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of the production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
2147	——	Roving carriers—concluded	Cotton textiles	Southern district, U. S.
2148	75	do	Cotton textiles	Great Britain
2149	——	do	Cotton yarns	Northern district, U. S.
2150	9	do	Cotton yarns	Southern district, U. S.
2151	10	do	Cotton yarns	Southern district, U. S.
2152	11	do	Cotton yarns	Southern district, U. S.
2153	16	do	Cotton yarns	Continent of Europe
2154	18	do	Cotton yarns	Continent of Europe
2155	19	do	Cotton yarns	Great Britain
2156	22	do	Cotton yarns	Great Britain
2157	28	do	Cotton yarns	Great Britain
2158	——	do	Cotton yarns	Great Britain
2159	7	do	Woollen and worsted textiles	United States
2160	40	do	Woollen and worsted textiles	United States
2161	——	do	Woollen and worsted textiles	United States
2162	——	do	Woollen and worsted textiles	United States
2163	——	do	Woollen and worsted textiles	United States
2164	12	Scourers	Woollen and worsted textiles	United States
2165	15	do	Woollen and worsted textiles	United States
2166	16	do	Woollen and worsted textiles	United States
2167	21	do	Woollen and worsted textiles	United States
2168	40	do	Woollen and worsted textiles	United States
2169	——	do	Woollen and worsted textiles	United States
2170	——	do	Woollen and worsted textiles	United States
2171	——	do	Woollen and worsted textiles	United States
2172	42	do	Woollen and worsted textiles	Continent of Europe
2173	10	Scrubbers	Cotton textiles	Northern district, U. S.
2174	15	do	Cotton textiles	Northern district, U. S.
2175	17	do	Cotton textiles	Northern district, U. S.
2176	19	do	Cotton textiles	Northern district, U. S.
2177	20	do	Cotton textiles	Northern district, U. S.
2178	22	do	Cotton textiles	Northern district, U. S.
2179	26	do	Cotton textiles	Northern district, U. S.
2180	28	do	Cotton textiles	Northern district, U. S.
2181	36	do	Cotton textiles	Northern district, U. S.
2182	37	do	Cotton textiles	Northern district, U. S.
2183	——	do	Cotton textiles	Northern district, U. S.
2184	42	do	Cotton textiles	Southern district, U. S.
2185	47	do	Cotton textiles	Southern district, U. S.
2186	49	do	Cotton textiles	Southern district, U. S.
2187	60	do	Cotton textiles	Southern district, U. S.
2188	64	do	Cotton textiles	Southern district, U. S.
2189	70	do	Cotton textiles	Southern district, U. S.
2190	——	do	Cotton textiles	Southern district, U. S.
2191	3	do	Cotton yarns	Northern district, U. S.
2192	——	do	Cotton yarns	Northern district, U. S.
2193	10	do	Cotton yarns	Southern district, U. S.
2194	28	do	Cotton yarns	Southern district, U. S.
2195	16	do	Woollen and worsted textiles	United States
2196	24	do	Woollen and worsted textiles	United States
2197	——	do	Woollen and worsted textiles	United States
2198	1	Second hands	Cotton textiles	Northern district, U. S.
2199	3	do	Cotton textiles	Northern district, U. S.
2200	4	do	Cotton textiles	Northern district, U. S.
2201	9	do	Cotton textiles	Northern district, U. S.
2202	10	do	Cotton textiles	Northern district, U. S.
2203	11	do	Cotton textiles	Northern district, U. S.
2204	12	do	Cotton textiles	Northern district, U. S.
2205	13	do	Cotton textiles	Northern district, U. S.
2206	15	do	Cotton textiles	Northern district, U. S.
2207	17	do	Cotton textiles	Northern district, U. S.
2208	19	do	Cotton textiles	Northern district, U. S.
2209	20	do	Cotton textiles	Northern district, U. S.
2210	22	do	Cotton textiles	Northern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$0.57½	34	1,643	48	$948	$28	5.24	$181	2147
78	(a)	15	(a)	(a)	359	24	(a)	(a)	2148
156	.85½	10	648	65	555	56	4.15	134	2149
313	.65½	2	399	200	261	131	1.27	205	2150
156	.71½	2	189	95	135	68	1.21	111	2151
313	.60	1	324	324	180	180	1.04	174	2152
72	.29	5	324	65	94	19	4.51	21	2153
78	.54½	5	390	78	213	43	5.00	43	2154
78	.81	1	72	72	58	58	0.92	63	2155
156	.40½	1	142	142	58	58	0.91	64	2156
156	.97½	1	152	152	148	148	0.97	152	2157
78	.81	1	74	74	60	60	0.95	63	2158
313	1.18	2	184	92	217	109	0.58	369	2159
156	1.25	3	178	59	220	73	1.14	193	2160
156	1.00	1	144	144	144	144	0.92	156	2161
156	1.10	1	148	148	163	163	0.95	172	2162
289	.65½	3	294	98	193	64	1.02	190	2163
156	1.35	1	135	135	182	182	0.87	210	2164
313	1.70	1	304	304	518	518	0.97	533	2165
156	1.50	2	300	150	450	225	1.92	234	2166
313	1.03	6	934	156	960	160	2.97	322	2167
156	1.16½	2	301	151	351	176	1.93	182	2168
156	.98	6	623	104	609	102	4.00	152	2169
156	1.28½	13	1,600	123	2,054	158	10.25	200	2170
289	1.50	1	264	264	390	390	0.91	427	2171
313	.65½	2	622	311	406	203	1.99	204	2172
156	.75	5	207	41	155	31	1.33	117	2173
156	.71½	15	1,462	97	1,043	70	9.38	111	2174
313	.83	11	427	39	355	32	1.37	260	2175
156	1.01½	20	1,898	95	1,931	97	12.16	159	2176
24	.74	2	42	21	31	16	1.75	18	2177
313	.80½	13	552	42	443	34	1.76	251	2178
156	.82	6	540	90	444	74	3.46	128	2179
156	.81½	10	709	71	577	58	4.55	127	2180
313	1.25	1	251	251	314	314	0.80	392	2181
313	1.18½	2	604	302	714	357	1.93	370	2182
156	.79	8	763	95	603	75	4.89	123	2183
313	.58½	3	256	85	150	50	0.82	183	2184
294	.85	3	473	158	401	134	1.61	249	2185
156	.75	2	308	154	231	116	1.97	117	2186
313	.50½	4	609	152	307	77	1.94	158	2187
313	.50	7	514	73	257	37	1.64	157	2188
313	.54	1	303	303	164	164	0.97	169	2189
313	.45	48	3,824	80	1,734	36	12.22	142	2190
78	1.00	1	76	76	76	76	0.97	78	2191
156	.84	3	377	126	316	105	2.42	131	2192
156	.50	1	37	37	19	19	0.24	80	2193
156	.57½	1	160	160	92	92	1.03	90	2194
156	1.25	1	147	147	184	184	0.94	195	2195
313	.80½	1	15	15	13	13	0.05	271	2196
156	1.06½	3	137	46	146	49	0.87	166	2197
156	1.44½	7	972	139	1,404	201	6.25	225	2198
156	2.15	1	152	152	326	326	0.97	335	2199
156	1.77	12	1,678	140	2,971	248	10.76	276	2200
156	1.50	3	223	74	334	111	1.43	234	2201
156	1.57½	3	462	154	727	242	2.96	245	2202
313	1.18	4	1,134	284	1,340	335	3.62	370	2203
313	1.43½	5	1,085	217	1,557	311	3.46	449	2204
156	1.50	4	580	145	871	218	3.72	234	2205
156	1.75	14	1,890	135	3,305	236	12.12	273	2206
313	1.66½	13	1,578	121	2,629	202	5.02	521	2207
156	1.99½	25	2,733	109	5,455	218	17.52	311	2208
24	1.51½	9	211	23	320	36	8.80	36	2209
313	1.77	42	7,744	184	13,693	326	24.74	553	2210

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
2211	26	Second hands—concluded	Cotton textiles	Northern district, U. S.
2212	28	do	Cotton textiles	Northern district, U. S.
2213	36	do	Cotton textiles	Northern district, U. S.
2214	37	do	Cotton textiles	Northern district, U. S.
2215	38	do	Cotton textiles	Northern district, U. S.
2216	82	do	Cotton textiles	Northern district, U. S.
2217	85	do	Cotton textiles	Northern district, U. S.
2218	88	do	Cotton textiles	Northern district, U. S.
2219		do	Cotton textiles	Southern district, U. S.
2220	42	do	Cotton textiles	Southern district, U. S.
2221	44	do	Cotton textiles	Southern district, U. S.
2222	46	do	Cotton textiles	Southern district, U. S.
2223	47	do	Cotton textiles	Southern district, U. S.
2224	49	do	Cotton textiles	Southern district, U. S.
2225	50	do	Cotton textiles	Southern district, U. S.
2226	51	do	Cotton textiles	Southern district, U. S.
2227	57	do	Cotton textiles	Southern district, U. S.
2228	59	do	Cotton textiles	Southern district, U. S.
2229	60	do	Cotton textiles	Southern district, U. S.
2230	62	do	Cotton textiles	Southern district, U. S.
2231	64	do	Cotton textiles	Southern district, U. S.
2232	67	do	Cotton textiles	Southern district, U. S.
2233	68	do	Cotton textiles	Southern district, U. S.
2234	70	do	Cotton textiles	Southern district, U. S.
2235		do	Cotton textiles	Continent of Europe.
2236	91	do	Cotton textiles	Continent of Europe.
2237	92	do	Cotton textiles	Continent of Europe.
2238		do	Cotton textiles	Great Britain.
2239	75	do	Cotton yarns	Northern district, U. S.
2240	1	do	Cotton yarns	Northern district, U. S.
2241		do	Cotton yarns	Southern district, U. S.
2242	9	do	Cotton yarns	Southern district, U. S.
2243	10	do	Cotton yarns	Southern district, U. S.
2244	11	do	Cotton yarns	Continent of Europe.
2245	16	do	Cotton yarns	Continent of Europe.
2246	17	do	Cotton yarns	Continent of Europe.
2247	18	do	Cotton yarns	Great Britain.
2248	22	do	Cotton yarns	Great Britain.
2249	24	do	Cotton yarns	Great Britain.
2250	25	do	Cotton yarns	Great Britain.
2251	26	do	Cotton yarns	Great Britain.
2252	28	do	Woollen and worsted textiles.	United States.
2253	3	do	Woollen and worsted textiles.	United States.
2254	7	do	Woollen and worsted textiles.	United States.
2255	8	do	Woollen and worsted textiles.	United States.
2256	12	do	Woollen and worsted textiles.	United States.
2257	15	do	Woollen and worsted textiles.	United States.
2258	16	do	Woollen and worsted textiles.	United States.
2259	21	do	Woollen and worsted textiles.	United States.
2260	24	do	Woollen and worsted textiles.	United States.
2261	26	do	Woollen and worsted textiles.	United States.
2262	34	do	Woollen and worsted textiles.	United States.
2263	36	do	Woollen and worsted textiles.	United States.
2264	40	do	Woollen and worsted textiles.	United States.
2265		do	Woollen and worsted textiles.	United States.
2266		do	Woollen and worsted textiles.	United States.
2267		do	Woollen and worsted textiles.	United States.
2268		do	Woollen and worsted textiles.	United States.
2269		do	Woollen and worsted textiles.	United States.
2270		do	Woollen and worsted textiles.	United States.
2271		do	Woollen and worsted textiles.	United States.
2272	42	do	Linen yarns	Continent of Europe.
2273		do	Cotton textiles	Continent of Europe.
2274	42	Second hands and watchmen	Cotton textiles	Southern district, U. S.
2275	22	Selectors	Cotton textiles	Northern district, U. S.
2276	8	Sewers-in	Woollen and worsted textiles.	United States.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$1.89½	11	1,696	154	$3,216	$292	10.86	$296	2211
156	2.06½	12	1,790	149	3,698	308	11.48	322	2212
313	1.76½	5	1,349	270	2,378	476	4.31	552	2213
313	1.89	4	1,223	306	2,314	579	3.89	592	2214
313	1.27	7	1,968	281	2,496	357	6.28	397	2215
156	1.25	2	275	138	344	172	1.77	195	2216
156	1.48½	8	844	106	1,252	157	5.41	231	2217
156	1.64½	6	733	122	1,207	201	4.69	257	2218
156	1.68½	8	902	113	1,518	190	5.78	263	2219
313	1.51	1	311	311	469	469	0.99	472	2220
156	1.22½	8	945	118	1,158	145	6.05	191	2221
312	1.60	7	1,737	248	2,775	396	5.57	498	2222
294	1.85½	8	2,031	254	3,765	471	6.91	545	2223
156	2.25	10	1,105	111	2,486	249	7.08	351	2224
313	1.43½	3	616	205	885	295	1.97	450	2225
313	1.15½	2	308	154	355	178	0.98	361	2226
313	2.00	1	288	288	575	575	0.92	625	2227
156	1.27½	2	195	98	249	125	1.25	199	2228
313	1.37	2	590	295	807	404	1.88	428	2229
313	1.16	9	2,353	261	2,728	303	7.51	363	2230
313	1.50	2	619	310	928	464	1.98	469	2231
313	1.13	7	823	118	937	134	2.65	354	2232
313	1.30	7	1,741	249	2,262	323	5.56	407	2233
313	1.58	5	1,564	313	2,472	494	4.99	495	2234
313	1.90½	25	2,740	110	5,223	209	8.76	597	2235
156	.85	7	1,080	154	918	131	6.92	133	2236
72	.62½	16	1,181	74	736	46	16.40	45	2237
343	1.12	27	7,584	281	8,478	314	24.23	350	2238
78	.88	4	326	82	287	72	4.17	69	2239
78	2.14½	4	313	78	672	168	4.01	167	2240
156	2.10	1	152	152	320	320	0.97	328	2241
313	1.38	10	945	95	1,304	130	3.01	432	2242
156	1.45	2	292	146	423	212	1.87	226	2243
313	.89	8	2,461	308	2,185	273	7.86	278	2244
72	.49½	3	230	77	114	38	3.20	36	2245
72	.64	1	72	72	46	46	1.00	46	2246
78	.81	1	78	78	63	63	1.00	63	2247
156	.82½	1	153	153	126	126	0.98	128	2248
6	1.00	1	6	6	6	6	1.00	6	2249
6	1.00	1	6	6	6	6	1.00	6	2250
6	1.08½	2	12	6	13	7	2.00	7	2251
156	.95	2	310	155	295	148	1.99	148	2252
156	1.89	3	483	161	912	304	3.10	295	2253
313	1.90½	4	1,205	301	2,293	573	3.85	596	2254
313	1.50	1	380	380	569	569	1.21	469	2255
156	1.53	3	399	133	618	206	2.56	242	2256
313	1.60	1	302	302	482	482	0.96	500	2257
156	1.50½	4	558	140	839	210	3.58	235	2258
313	1.86	6	1,928	321	3,590	598	6.16	583	2259
313	1.50	4	1,085	271	1,626	407	3.47	469	2260
162	1.49½	3	431	144	644	215	2.66	242	2261
313	1.50	1	244	244	356	356	0.78	457	2262
78	1.38	2	155	78	214	107	1.99	108	2263
156	1.60½	12	1,454	121	2,333	194	9.32	250	2264
156	1.43	4	597	149	855	214	3.83	223	2265
156	1.49	6	790	132	1,179	197	5.06	233	2266
156	2.10	7	980	140	2,060	294	6.28	328	2267
156	2.04	4	559	140	1,141	285	3.58	318	2268
289	1.65	1	256	256	423	423	0.89	478	2269
313	2.00	1	168	168	336	336	0.54	626	2270
313	1.46	2	605	303	882	441	1.93	456	2271
313	.46	10	2,672	267	1,223	122	8.53	143	2272
313	.70½	4	1,236	309	874	219	3.95	221	2273
365	1.41½	2	641	321	906	453	1.75	516	2274
313	.93⅝	6	396	66	371	62	1.27	293	2275
313	.85	7	874	125	743	106	2.79	266	2276

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
2277	12	Sewers-in—concluded	Woollen and worsted textiles.	United States
2278	26	do	Woollen and worsted textiles.	United States
2279	34	do	Woollen and worsted textiles.	United States
2280	36	do	Woollen and worsted textiles.	United States
2281	40	do	Woollen and worsted textiles.	United States
2282		do	Woollen and worsted textiles.	United States
2283	19	Sewing-machine hands	Cotton textiles	Northern district, U. S.
2284	26	do	Cotton textiles	Northern district, U. S.
2285	60	do	Cotton textiles	Southern district, U. S.
2286	64	do	Cotton textiles	Southern district, U. S.
2287	20	Shafting hands	Cotton textiles	Northern district, U. S.
2288	36	do	Cotton textiles	Northern district, U. S.
2289	46	do	Cotton textiles	Southern district, U. S.
2290	4	Shearers	Cotton textiles	Northern district, U. S.
2291	19	do	Cotton textiles	Northern district, U. S.
2292	26	do	Cotton textiles	Northern district, U. S.
2293	82	do	Cotton textiles	Northern district, U. S.
2294	91	do	Cotton textiles	Continent of Europe
2295	3	do	Woollen and worsted textiles.	United States
2296	7	do	Woollen and worsted textiles.	United States
2297	12	do	Woollen and worsted textiles.	United States
2298	16	do	Woollen and worsted textiles.	United States
2299	21	do	Woollen and worsted textiles.	United States
2300	26	do	Woollen and worsted textiles.	United States
2301	31	do	Woollen and worsted textiles.	United States
2302	40	do	Woollen and worsted textiles.	United States
2303		do	Woollen and worsted textiles.	United States
2304		do	Woollen and worsted textiles.	United States
2305		do	Woollen and worsted textiles.	United States
2306		do	Woollen and worsted textiles.	United States
2307	15	Shearer and watchman	Cotton textiles	Southern district, U. S.
2308	64	Shipping clerks	Woollen and worsted textiles.	United States
2309		do	Cotton textiles	Northern district, U. S.
2310	1	Slasher tenders	Cotton textiles	Northern district, U. S.
2311	3	do	Cotton textiles	Northern district, U. S.
2312	4	do	Cotton textiles	Northern district, U. S.
2313	9	do	Cotton textiles	Northern district, U. S.
2314	10	do	Cotton textiles	Northern district, U. S.
2315	11	do	Cotton textiles	Northern district, U. S.
2316	12	do	Cotton textiles	Northern district, U. S.
2317	13	do	Cotton textiles	Northern district, U. S.
2318	15	do	Cotton textiles	Northern district, U. S.
2319	17	do	Cotton textiles	Northern district, U. S.
2320	19	do	Cotton textiles	Northern district, U. S.
2321	26	do	Cotton textiles	Northern district, U. S.
2322	28	do	Cotton textiles	Northern district, U. S.
2323	36	do	Cotton textiles	Northern district, U. S.
2324	37	do	Cotton textiles	Northern district, U. S.
2325	38	do	Cotton textiles	Northern district, U. S.
2326	88	do	Cotton textiles	Northern district, U. S.
2327		do	Cotton textiles	Southern district, U. S.
2328	42	do	Cotton textiles	Southern district, U. S.
2329	44	do	Cotton textiles	Southern district, U. S.
2330	46	do	Cotton textiles	Southern district, U. S.
2331	47	do	Cotton textiles	Southern district, U. S.
2332	49	do	Cotton textiles	Southern district, U. S.
2333	50	do	Cotton textiles	Southern district, U. S.
2334	51	do	Cotton textiles	Southern district, U. S.
2335	57	do	Cotton textiles	Southern district, U. S.
2336	60	do	Cotton textiles	Southern district, U. S.
2337	62	do	Cotton textiles	Southern district, U. S.
2338	64	do	Cotton textiles	Southern district, U. S.
2339	67	do	Cotton textiles	Southern district, U. S.
2340	68	do	Cotton textiles	Southern district, U. S.
2341	70	do	Cotton textiles	Southern district, U. S.
2342		do		

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$0.90	2	124	62	$113	$57	0.79	$142	2277
162	.77	6	1,569	98	1,205	75	9.69	124	2278
313	.83½	1	243	243	202	202	0.78	260	2279
72	.86	6	425	71	366	61	5.90	62	2280
156	1.10	31	3,289	106	3,601	116	21.08	171	2281
156	1.05	51	6,309	124	6,627	130	40.44	164	2282
156	.95	33	160	53	151	50	1.03	147	2283
156	.80	4	66	17	53	13	0.42	125	2284
313	.72	2	476	238	342	171	1.52	225	2285
313	.65	1	305	305	198	198	0.97	203	2286
24	.88	1	22	22	19	19	0.92	21	2287
313	1.25	1	266	266	333	333	0.85	392	2288
312	.95	1	301	301	287	287	0.96	297	2289
156	1.08½	1	142	142	154	154	0.91	169	2290
156	1.15	1	117	117	135	135	0.75	180	2291
156	.90	3	153	51	134	45	0.98	137	2292
156	.70½	2	287	144	203	102	1.84	110	2293
156	.62½	1	25	25	16	16	0.16	100	2294
156	2.00	1	146	146	293	293	0.94	313	2295
313	1.41	3	828	276	1,169	390	2.65	442	2296
156	1.25	1	132	132	163	163	0.85	193	2297
156	1.36½	3	452	151	617	206	2.89	213	2298
313	1.12½	2	552	276	621	311	1.76	352	2299
162	1.00	1	154	154	154	154	0.95	162	2300
313	1.07	2	354	177	379	190	1.14	335	2301
156	1.00	14	575	41	578	41	3.69	157	2302
156	1.00	1	70	70	70	70	0.45	156	2303
156	1.25	1	45	45	56	56	0.29	194	2304
156	1.13½	8	1,038	130	1,178	147	6.65	177	2305
156	1.21½	1	145	145	176	176	0.93	189	2306
365	1.36½	1	343	343	469	469	0.94	499	2307
313	1.51½	2	416	208	630	315	1.33	474	2308
156	1.57	1	153	153	240	240	0.98	245	2309
156	1.16½	4	297	74	346	87	1.90	182	2310
156	1.55	1	153	153	237	237	0.98	242	2311
156	1.50	3	447	149	673	224	2.87	235	2312
156	1.00	1	152	152	152	152	0.97	156	2313
156	1.80	1	147	147	265	265	0.94	281	2314
313	2.25	1	274	274	619	619	0.88	707	2315
313	1.50	1	271	271	406	406	0.87	469	2316
156	1.12	1	152	152	170	170	0.97	174	2317
156	1.66	7	917	131	1,486	212	5.88	253	2318
313	1.75	2	611	306	1,046	523	1.95	536	2319
156	1.78½	4	509	127	908	227	3.27	278	2320
156	2.00	1	152	152	303	303	0.97	311	2321
156	1.70	6	906	151	1,540	257	5.81	265	2322
313	1.62½	2	539	270	877	499	1.72	509	2323
313	1.62½	3	873	291	1,419	473	2.79	509	2324
313	1.66½	1	302	302	504	504	0.96	522	2325
156	1.83½	1	153	153	281	281	0.98	287	2326
156	1.68	2	306	153	511	256	1.96	261	2327
313	1.75	1	278	278	486	486	0.89	547	2328
156	1.00	2	331	166	331	166	2.12	156	2329
312	1.20	2	550	275	660	330	1.76	374	2330
294	1.34	6	1,454	242	1,949	325	4.94	394	2331
156	1.25	7	755	108	938	134	4.84	194	2332
313	1.50	1	282	282	422	422	0.90	468	2333
313	1.50	1	309	309	464	464	0.99	470	2334
313	1.50	1	286	286	428	428	0.91	468	2335
313	1.05	4	1,194	299	1,253	313	3.82	328	2336
313	.84½	5	1,181	236	999	200	3.77	265	2337
313	1.40	2	298	149	417	209	0.95	438	2338
313	1.66½	2	131	66	218	109	0.42	521	2339
313	1.75	1	293	293	512	512	0.94	547	2340
313	1.49	2	637	319	950	475	2.03	467	2341
313	.80	8	486	61	388	49	1.55	250	2342

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
2343	71	Slasher tenders—concluded	Cotton textiles	Continent of Europe
2344	91	do	Cotton textiles	Continent of Europe
2345	92	do	Cotton textiles	Continent of Europe
2346		do	Cotton textiles	Continent of Europe
2347	72	do	Cotton textiles	Great Britain
2348	75	do	Cotton textiles	Great Britain
2349	42	do	Woollen and worsted textiles	Continent of Europe
2350		do	Woollen and worsted textiles	Continent of Europe
2351	1	Slasher tenders, head	Cotton textiles	Northern district, U. S.
2352	19	do	Cotton textiles	Northern district, U. S.
2353	44	do	Cotton textiles	Southern district, U. S.
2354	49	do	Cotton textiles	Southern district, U. S.
2355	62	do	Cotton textiles	Southern district, U. S.
2356		do	Cotton textiles	Southern district, U. S.
2357	71	do	Cotton textiles	Continent of Europe
2358		do	Cotton textiles	Continent of Europe
2359	42	do	Woollen and worsted textiles	Continent of Europe
2360	3	Slasher tenders' helpers	Cotton textiles	Northern district, U. S.
2361	4	do	Cotton textiles	Northern district, U. S.
2362	11	do	Cotton textiles	Northern district, U. S.
2363	12	do	Cotton textiles	Northern district, U. S.
2364	13	do	Cotton textiles	Northern district, U. S.
2365	15	do	Cotton textiles	Northern district, U. S.
2366	26	do	Cotton textiles	Northern district, U. S.
2367	37	do	Cotton textiles	Northern district, U. S.
2368	88	do	Cotton textiles	Northern district, U. S.
2369	42	do	Cotton textiles	Southern district, U. S.
2370	46	do	Cotton textiles	Southern district, U. S.
2371	50	do	Cotton textiles	Southern district, U. S.
2372	67	do	Cotton textiles	Southern district, U. S.
2373	70	do	Cotton textiles	Southern district, U. S.
2374	71	do	Cotton textiles	Continent of Europe
2375	91	do	Cotton textiles	Continent of Europe
2376		do	Cotton textiles	Continent of Europe
2377	72	do	Cotton textiles	Great Britain
2378	75	do	Cotton textiles	Great Britain
2379	19	Smash menders	Cotton textiles	Northern district, U. S.
2380	37	do	Cotton textiles	Northern district, U. S.
2381	88	do	Cotton textiles	Northern district, U. S.
2382	3	Sorters	Woollen and worsted textiles	United States
2383	7	do	Woollen and worsted textiles	United States
2384	12	do	Woollen and worsted textiles	United States
2385	15	do	Woollen and worsted textiles	United States
2386	16	do	Woollen and worsted textiles	United States
2387	21	do	Woollen and worsted textiles	United States
2388	24	do	Woollen and worsted textiles	United States
2389	26	do	Woollen and worsted textiles	United States
2390	36	do	Woollen and worsted textiles	United States
2391	40	do	Woollen and worsted textiles	United States
2392		do	Woollen and worsted textiles	United States
2393		do	Woollen and worsted textiles	United States
2394		do	Woollen and worsted textiles	United States
2395		do	Woollen and worsted textiles	United States
2396		do	Woollen and worsted textiles	United States
2397		do	Woollen and worsted textiles	United States
2398		do	Woollen and worsted textiles	United States
2399	42	do	Woollen and worsted textiles	Continent of Europe
2400		do	Linen yarns	Continent of Europe
2401	60	Spare hands	Cotton textiles	Southern district, U. S.
2402	16	Speckers	Woollen and worsted textiles	United States
2403	21	do	Woollen and worsted textiles	United States
2404	26	do	Woollen and worsted textiles	United States
2405	40	do	Woollen and worsted textiles	United States
2406	4	Speeders	Cotton textiles	Northern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to these on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$0.66½	3	975	325	$649	$216	3.12	$208	2343
156	1.18½	2	239	120	283	142	1.53	185	2344
72	.75½	15	1,123	75	847	56	15.60	54	2345
313	.74½	7	2,004	286	1,493	213	6.40	233	2346
156	1.21½	3	447	149	546	182	2.87	191	2347
78	1.50	2	152	76	228	114	1.94	117	2348
313	.80½	23	5,735	249	4,621	201	18.32	252	2349
156	.58½	1	156	156	92	92	1.00	92	2350
156	2.16½	1	149	149	323	323	0.96	338	2351
156	2.30	1	151	151	347	347	0.97	358	2352
156	2.00	1	154	154	307	307	0.99	311	2353
156	2.00	1	160	160	320	320	1.03	312	2354
313	.95	1	242	242	229	229	0.77	296	2355
313	1.50	2	565	283	847	424	1.81	469	2356
313	.86⅔	1	302	302	261	261	0.96	271	2357
313	.83⅓	1	319	319	268	268	1.02	263	2358
313	1.36	2	626	313	850	425	2.00	425	2359
156	.80	1	78	78	62	62	0.50	124	2360
156	.50	1	63	63	32	32	0.40	79	2361
313	1.00	1	273	273	273	273	0.87	313	2362
313	1.00	1	254	254	254	254	0.81	313	2363
156	.65	3	286	95	186	62	1.84	101	2364
156	1.05	2	123	62	129	65	0.79	164	2365
156	1.25	1	147	147	184	184	0.94	195	2366
313	1.08½	1	295	295	320	320	0.94	340	2367
156	.62½	3	306	102	192	64	1.96	98	2368
313	.68	1	177	177	121	121	0.57	214	2369
312	.87½	2	320	160	280	140	1.03	273	2370
313	.83⅓	3	443	148	370	123	1.41	261	2371
313	.73¼	2	116	58	85	43	0.37	229	2372
313	.75	1	144	144	108	108	0.46	235	2373
313	.48½	2	561	281	272	136	1.79	152	2374
156	.68	2	253	127	172	86	1.62	106	2375
313	.63½	4	864	216	549	137	2.76	199	2376
156	.36½	1	153	153	56	56	0.98	57	2377
78	.65	2	177	89	115	58	2.27	51	2378
156	1.49	4	476	119	709	177	3.06	232	2379
313	1.12½	2	612	306	689	345	1.96	352	2380
156	1.26	2	134	67	169	85	0.86	197	2381
156	1.78½	4	295	74	526	132	1.89	278	2382
313	1.37½	6	695	116	954	159	2.21	430	2383
156	1.76½	2	167	84	295	148	1.07	276	2384
313	1.83⅓	3	761	254	1,397	466	2.43	575	2385
156	2.33½	5	745	149	1,889	378	4.77	396	2386
313	1.91	16	2,819	176	5,381	336	9.01	597	2387
313	(a)	6	(a)	(a)	2,847	475	(a)	(a)	2388
162	1.63	3	410	137	669	223	2.53	264	2389
72	.60	3	138	46	83	28	1.91	43	2390
156	1.75	7	649	93	1,135	162	4.16	273	2391
156	1.01⅓	2	210	105	213	107	1.34	158	2392
156	1.45	2	204	102	296	148	1.31	226	2393
156	1.94	19	2,319	122	4,494	237	14.86	302	2394
156	.98½	6	650	108	639	107	4.17	153	2395
158	1.75	1	155	155	270	270	0.98	275	2396
289	1.76	6	1,006	168	1,772	295	3.48	509	2397
313	.75	2	445	223	334	167	1.42	235	2398
313	.37½	9	2,237	249	844	94	7.15	118	2399
313	.67½	24	6,304	263	4,252	177	20.14	211	2400
313	.77	4	808	202	622	156	2.58	241	2401
156	.75	3	397	132	297	99	2.55	117	2402
313	.50½	28	5,965	213	3,012	108	19.06	158	2403
162	.67½	6	343	57	231	39	2.12	109	2404
156	.62½	41	2,432	59	1,520	37	15.59	98	2405
156	.91½	61	6,944	114	6,343	104	44.52	142	2406

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
2407	9	Speeders—concluded	Cotton textiles	Northern district, U. S.
2408	10	....do	Cotton textiles	Northern district, U. S.
2409	12	....do	Cotton textiles	Northern district, U. S.
2410	13	....do	Cotton textiles	Northern district, U. S.
2411	36	....do	Cotton textiles	Northern district, U. S.
2412	38	....do	Cotton textiles	Northern district, U. S.
2413	85	....do	Cotton textiles	Southern district, U. S.
2414	42	....do	Cotton textiles	Southern district, U. S.
2415	50	....do	Cotton textiles	Southern district, U. S.
2416	51	....do	Cotton textiles	Southern district, U. S.
2417	60	....do	Cotton textiles	Southern district, U. S.
2418	64	....do	Cotton textiles	Southern district, U. S.
2419	67	....do	Cotton textiles	Southern district, U. S.
2420		....do	Cotton textiles	Continent of Europe
2421	92	....do	Cotton textiles	Continent of Europe
2422		....do	Cotton yarns	Southern district, U. S.
2423	9	....do	Cotton yarns	Southern district, U. S.
2424	10	....do	Cotton yarns	Southern district, U. S.
2425	11	....do	Cotton yarns	Continent of Europe
2426	16	....do	Cotton yarns	Continent of Europe
2427	18	....do	Cotton yarns	Great Britain
2428	28	....do	Linen yarns	Continent of Europe
2429		....do	Cotton textiles	Northern district, U. S.
2430	1	Speeders, coarse	Cotton textiles	Northern district, U. S.
2431	3	....do	Cotton textiles	Northern district, U. S.
2432	11	....do	Cotton textiles	Northern district, U. S.
2433	15	....do	Cotton textiles	Northern district, U. S.
2434	17	....do	Cotton textiles	Northern district, U. S.
2435	19	....do	Cotton textiles	Northern district, U. S.
2436	20	....do	Cotton textiles	Northern district, U. S.
2437	22	....do	Cotton textiles	Northern district, U. S.
2438	26	....do	Cotton textiles	Northern district, U. S.
2439	28	....do	Cotton textiles	Northern district, U. S.
2440	37	....do	Cotton textiles	Northern district, U. S.
2441	88	....do	Cotton textiles	Northern district, U. S.
2442		....do	Cotton textiles	Southern district, U. S.
2443	44	....do	Cotton textiles	Southern district, U. S.
2444	46	....do	Cotton textiles	Southern district, U. S.
2445	47	....do	Cotton textiles	Southern district, U. S.
2446	49	....do	Cotton textiles	Southern district, U. S.
2447	57	....do	Cotton textiles	Southern district, U. S.
2448	59	....do	Cotton textiles	Southern district, U. S.
2449	62	....do	Cotton textiles	Southern district, U. S.
2450	68	....do	Cotton textiles	Southern district, U. S.
2451	70	....do	Cotton textiles	Continent of Europe
2452	91	....do	Cotton textiles	Great Britain
2453	75	....do	Cotton yarns	Northern district, U. S.
2454	1	....do	Cotton yarns	Northern district, U. S.
2455		....do	Cotton yarns	Continent of Europe
2456	17	....do	Cotton yarns	Great Britain
2457	19	....do	Cotton yarns	Great Britain
2458	22	....do	Cotton yarns	Great Britain
2459	24	....do	Cotton yarns	Great Britain
2460	25	....do	Cotton yarns	Great Britain
2461	26	....do	Cotton yarns	Great Britain
2462		....do	Cotton textiles	Northern district, U. S.
2463	1	Speeders, fine	Cotton textiles	Northern district, U. S.
2464	3	....do	Cotton textiles	Northern district, U. S.
2465	11	....do	Cotton textiles	Northern district, U. S.
2466	15	....do	Cotton textiles	Northern district, U. S.
2467	17	....do	Cotton textiles	Northern district, U. S.
2468	19	....do	Cotton textiles	Northern district, U. S.
2469	20	....do	Cotton textiles	Northern district, U. S.
2470	22	....do	Cotton textiles	Northern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$0.96½	24	1,197	50	$1,158	$48	7.68	$151	2407
156	.66⅔	23	2,907	126	1,926	84	18.63	103	2408
313	.69	21	2,234	109	1,579	75	7.30	216	2409
156	.77	22	2,477	113	1,909	87	15.88	120	2410
313	(a)	14	(a)	(a)	3,552	254	(a)	(a)	2411
313	1.26	34	6,282	185	7,901	232	20.07	394	2412
156	.89½	19	1,867	98	1,669	88	11.97	139	2413
313	.83⅓	19	2,600	137	2,177	115	8.32	262	2414
313	(a)	27	(a)	(a)	2,277	84	(a)	(a)	2415
313	.83½	21	1,932	92	1,616	77	6.18	262	2416
313	(a)	42	(a)	(a)	5,158	123	(a)	(a)	2417
313	(a)	34	(a)	(a)	3,759	111	(a)	(a)	2418
313	(a)	30	(a)	(a)	2,467	82	(a)	(a)	2419
313	(a)	54	(a)	(a)	7,126	132	(a)	(a)	2420
72	(a)	51	(a)	(a)	1,675	33	(a)	(a)	2421
313	.45	72	22,274	309	10,009	139	71.16	141	2422
313	.71½	30	2,239	75	1,600	53	7.16	224	2423
156	.73	33	2,052	62	1,493	45	13.15	114	2424
313	(a)	56	(a)	(a)	3,812	68	(a)	(a)	2425
72	.28	15	1,029	69	288	19	14.29	20	2426
78	.40½	64	4,992	78	2,021	32	64.00	32	2427
156	.64⅔	38	5,284	139	3,412	90	33.87	101	2428
313	.33⅓	18	4,151	231	1,398	78	13.26	105	2429
156	(a)	5	(a)	(a)	478	96	(a)	(a)	2430
156	1.10	2	264	132	290	145	1.69	171	2431
313	.69½	4	1,100	275	766	192	3.52	218	2432
156	(a)	14	(a)	(a)	1,551	111	(a)	(a)	2433
313	1.28	11	1,085	99	1,387	126	3.47	400	2434
156	1.22	16	1,156	72	1,413	88	7.41	191	2435
24	.85⅓	8	143	18	122	15	5.96	20	2436
313	(a)	88	(a)	(a)	7,243	82	(a)	(a)	2437
156	1.02	12	1,303	109	1,330	111	8.35	159	2438
156	.95⅔	20	2,343	117	2,239	112	15.02	149	2439
313	(a)	28	(a)	(a)	6,412	229	(a)	(a)	2440
156	.96⅔	3	448	149	432	144	2.87	150	2441
156	1.38½	5	579	116	801	160	3.71	216	2442
156	(a)	10	(a)	(a)	544	54	(a)	(a)	2443
312	(a)	25	(a)	(a)	2,285	91	(a)	(a)	2444
294	1.01⅔	11	1,678	153	1,702	155	5.70	298	2445
156	.70⅔	16	1,723	108	1,213	76	11.04	110	2446
313	.75	4	1,003	251	752	188	3.20	235	2447
156	1.00	2	153	77	153	77	0.98	156	2448
313	.49	19	4,095	216	2,004	105	13.08	153	2449
313	.60	9	1,818	202	1,092	121	5.81	188	2450
313	.53⅓	10	1,277	128	682	68	4.08	167	2451
156	.41⅔	7	935	134	390	56	5.99	65	2452
78	.77	5	347	69	267	53	4.45	60	2453
78	1.18	8	561	70	663	83	7.19	92	2454
156	1.06⅔	10	636	64	677	68	4.08	166	2455
72	.33⅓	4	263	66	88	22	3.66	24	2456
78	.79	3	225	75	178	59	2.88	62	2457
156	(a)	6	(a)	(a)	416	69	(a)	(a)	2458
6	.72	9	54	6	39	4	9.00	4	2459
6	.74	7	42	6	31	4	7.00	4	2460
6	.68⅔	9	54	6	37	4	9.00	4	2461
78	.78⅔	3	222	74	174	58	2.85	61	2462
156	(a)	21	(a)	(a)	1,309	62	(a)	(a)	2463
156	1.19	19	1,133	60	1,351	71	7.26	186	2464
313	.73½	6	1,458	243	1,068	178	4.66	229	2465
156	(a)	61	(a)	(a)	4,776	78	(a)	(a)	2466
313	1.33⅓	48	3,765	78	5,030	105	12.03	418	2467
156	1.34½	79	6,705	85	9,013	114	42.99	210	2468
24	1.02	13	231	18	236	18	9.63	25	2469
313	(a)	199	(a)	(a)	14,355	72	(a)	(a)	2470

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
2471	26	Speeders, fine—concluded	Cotton textiles	Northern district, U. S.
2472	28	....do	Cotton textiles	Northern district, U. S.
2473	37	....do	Cotton textiles	Northern district, U. S.
2474	88	....do	Cotton textiles	Northern district, U. S.
2475		....do	Cotton textiles	Southern district, U. S.
2476	44	....do	Cotton textiles	Southern district, U. S.
2477	46	....do	Cotton textiles	Southern district, U. S.
2478	47	....do	Cotton textiles	Southern district, U. S.
2479	49	....do	Cotton textiles	Southern district, U. S.
2480	57	....do	Cotton textiles	Southern district, U. S.
2481	59	....do	Cotton textiles	Southern district, U. S.
2482	62	....do	Cotton textiles	Southern district, U. S.
2483	68	....do	Cotton textiles	Southern district, U. S.
2484	70	....do	Cotton textiles	Continent of Europe.
2485	91	....do	Cotton textiles	Great Britain.
2486	75	....do	Cotton textiles	Northern district, U. S.
2487	1	....do	Cotton yarns	Northern district, U. S.
2488		....do	Cotton yarns	Continent of Europe.
2489	17	....do	Cotton yarns	Great Britain.
2490	19	....do	Cotton yarns	Great Britain.
2491	22	....do	Cotton yarns	Great Britain.
2492	24	....do	Cotton yarns	Great Britain.
2493	25	....do	Cotton yarns	Great Britain.
2494	26	....do	Cotton yarns	Great Britain.
2495		....do	Cotton textiles	Northern district, U. S.
2496	1	Speeders, intermediate	Cotton textiles	Northern district, U. S.
2497	3	....do	Cotton textiles	Northern district, U. S.
2498	15	....do	Cotton textiles	Northern district, U. S.
2499	17	....do	Cotton textiles	Northern district, U. S.
2500	19	....do	Cotton textiles	Northern district, U. S.
2501	20	....do	Cotton textiles	Northern district, U. S.
2502	22	....do	Cotton textiles	Northern district, U. S.
2503	26	....do	Cotton textiles	Northern district, U. S.
2504	88	....do	Cotton textiles	Northern district, U. S.
2505		....do	Cotton textiles	Southern district, U. S.
2506	49	....do	Cotton textiles	Southern district, U. S.
2507	57	....do	Cotton textiles	Southern district, U. S.
2508	59	....do	Cotton textiles	Continent of Europe.
2509	91	....do	Cotton textiles	Great Britain.
2510	75	....do	Cotton yarns	Northern district, U. S.
2511	1	....do	Cotton yarns	Northern district, U. S.
2512		....do	Cotton yarns	Continent of Europe.
2513	17	....do	Cotton yarns	Great Britain.
2514	19	....do	Cotton yarns	Great Britain.
2515	22	....do	Cotton yarns	Great Britain.
2516	24	....do	Cotton yarns	Great Britain.
2517	25	....do	Cotton yarns	Great Britain.
2518	26	....do	Cotton yarns	Great Britain.
2519		....do	Cotton textiles	Northern district, U. S.
2520	88	Speeders, jack	Cotton textiles	Northern district, U. S.
2521	36	Speeders' helpers	Cotton yarns	Great Britain.
2522	19	....do	Cotton yarns	Great Britain.
2523	23	....do	Cotton yarns	Great Britain.
2524		....do	Cotton textiles	Northern district, U. S.
2525	10	Spinners	Cotton textiles	Northern district, U. S.
2526	82	....do	Cotton textiles	Southern district, U. S.
2527	47	....do	Cotton textiles	Southern district, U. S.
2528	64	....do	Cotton textiles	Southern district, U. S.
2529	67	....do	Cotton textiles	Southern district, U. S.
2530	68	....do	Cotton textiles	Southern district, U. S.
2531	70	....do	Cotton textiles	Southern district, U. S.
2532		....do	Cotton yarns	Southern district, U. S.
2533	9	....do	Cotton yarns	Southern district, U. S.
2534	10	....do		

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$1.11	18	2,110	117	$2,342	$130	13.53	$173	2471
156	.97	44	4,562	104	4,420	100	29.24	151	2472
313	.63	7	1,245	178	783	112	3.97	197	2473
156	1.20	6	673	112	806	134	4.31	187	2474
156	1.31	27	1,768	65	2,318	86	11.34	205	2475
156	(a)	19	(a)	(a)	1,461	77	(a)	(a)	2476
312	(a)	20	(a)	(a)	2,306	115	(a)	(a)	2477
294	1.06	38	5,872	155	6,222	164	19.97	312	2478
156	.74	48	4,998	104	3,707	77	32.04	116	2479
313	.74	8	1,736	217	1,286	161	5.55	232	2480
156	.56	13	1,062	82	594	46	6.81	87	2481
313	(a)	40	(a)	(a)	4,607	115	(a)	(a)	2482
313	.60	9	1,919	213	1,151	128	6.13	188	2483
313	.62½	14	2,928	209	1,829	131	9.35	196	2484
156	.54	43	5,421	126	2,923	68	34.75	84	2485
78	.69	15	994	66	686	46	12.74	54	2486
78	1.19½	29	1,794	62	2,146	74	23.00	93	2487
156	1.02½	33	2,421	73	2,482	75	15.52	160	2488
72	.37½	12	864	72	323	27	12.00	27	2489
78	.69½	5	375	75	261	52	4.81	54	2490
156	(a)	14	(a)	(a)	871	62	(a)	(a)	2491
6	.58½	23	138	6	81	4	23.00	4	2492
6	.64½	15	90	6	58	4	15.00	4	2493
6	.61½	19	114	6	70	4	19.00	4	2494
78	.70	5	370	74	259	52	4.74	55	2495
156	(a)	2	(a)	(a)	337	169	(a)	(a)	2496
156	1.15½	7	846	121	976	139	5.43	180	2497
156	(a)	35	(a)	(a)	2,386	68	(a)	(a)	2498
313	1.26½	18	1,893	105	2,392	133	6.05	396	2499
156	1.35	46	3,308	72	4,464	97	21.20	211	2500
24	.89½	11	256	23	229	21	10.67	21	2501
313	(a)	64	(a)	(a)	3,972	62	(a)	(a)	2502
156	1.18	14	1,603	115	1,893	135	10.27	184	2503
156	1.00	5	635	127	633	127	4.07	156	2504
156	1.26½	13	1,190	92	1,503	116	7.63	197	2505
156	.81	19	1,844	97	1,493	79	11.82	126	2506
313	.86	2	526	263	453	227	1.68	270	2507
156	.73½	4	461	115	361	90	2.96	122	2508
156	.39½	10	1,284	128	504	50	8.23	61	2509
78	.69	7	481	69	332	47	6.17	54	2510
78	1.13½	11	776	71	881	80	9.94	89	2511
156	1.15½	16	1,573	98	1,813	113	10.09	180	2512
72	.37	6	333	56	123	21	4.63	27	2513
78	.74	3	222	74	164	55	2.85	58	2514
156	(a)	6	(a)	(a)	434	72	(a)	(a)	2515
6	.57½	9	54	6	31	3	9.00	3	2516
6	.57	7	42	6	24	3	7.00	3	2517
6	.55½	12	72	6	40	3	12.00	3	2518
78	.74½	3	222	74	165	55	2.85	58	2519
156	1.20	16	1,818	121	2,178	145	11.65	187	2520
313	.49½	20	2,389	119	1,188	59	7.63	156	2521
78	.40	6	403	67	161	27	5.17	31	2522
156	.30½	30	3,823	127	1,165	39	24.51	48	2523
78	.40½	6	378	63	153	26	4.85	32	2524
156	.53½	38	5,543	146	2,958	78	35.53	83	2525
156	1.65	4	576	144	950	238	3.70	257	2526
294	.67	201	22,121	110	14,851	74	75.25	197	2527
313	.73	44	6,390	145	4,665	106	20.42	229	2528
313	(a)	53	(a)	(a)	2,746	52	(a)	(a)	2529
313	.50	46	6,406	139	3,211	70	20.47	157	2530
313	.39	43	7,017	163	2,747	64	22.41	123	2531
313	(a)	126	(a)	(a)	12,393	98	(a)	(a)	2532
313	.39	72	5,520	77	2,156	30	17.64	122	2533
156	.54	68	3,497	51	1,897	28	22.42	85	5342

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
2535	16	Spinners—concluded	Woollen and worsted textiles	United States
2536	21	do	Woollen and worsted textiles	United States
2537		do	Woollen and worsted textiles	United States
2538		do	Woollen and worsted textiles	United States
2539		do	Woollen and worsted textiles	United States
2540		do	Woollen and worsted textiles	Continent of Europe
2541	42	do	Linen yarns	Continent of Europe
2542		do	Cotton textiles	Northern district, U. S.
2543	1	Spinners, frame	Cotton textiles	Northern district, U. S.
2544	3	do	Cotton textiles	Northern district, U. S.
2545	4	do	Cotton textiles	Northern district, U. S.
2546	9	do	Cotton textiles	Northern district, U. S.
2547	11	do	Cotton textiles	Northern district, U. S.
2548	12	do	Cotton textiles	Northern district, U. S.
2549	13	do	Cotton textiles	Northern district, U. S.
2550	15	do	Cotton textiles	Northern district, U. S.
2551	17	do	Cotton textiles	Northern district, U. S.
2552	19	do	Cotton textiles	Northern district, U. S.
2553	20	do	Cotton textiles	Northern district, U. S.
2554	22	do	Cotton textiles	Northern district, U. S.
2555	26	do	Cotton textiles	Northern district, U. S.
2556	28	do	Cotton textiles	Northern district, U. S.
2557	36	do	Cotton textiles	Northern district, U. S.
2558	37	do	Cotton textiles	Northern district, U. S.
2559	38	do	Cotton textiles	Northern district, U. S.
2560	85	do	Cotton textiles	Northern district, U. S.
2561	88	do	Cotton textiles	Northern district, U. S.
2562		do	Cotton textiles	Southern district, U. S.
2563	42	do	Cotton textiles	Southern district, U. S.
2564	44	do	Cotton textiles	Southern district, U. S.
2565	46	do	Cotton textiles	Southern district, U. S.
2566	49	do	Cotton textiles	Southern district, U. S.
2567	50	do	Cotton textiles	Southern district, U. S.
2568	51	do	Cotton textiles	Southern district, U. S.
2569	57	do	Cotton textiles	Southern district, U. S.
2570	59	do	Cotton textiles	Southern district, U. S.
2571	60	do	Cotton textiles	Southern district, U. S.
2572	62	do	Cotton textiles	Continent of Europe
2573	91	do	Cotton textiles	Continent of Europe
2574	92	do	Cotton textiles	Continent of Europe
2575		do	Cotton textiles	Great Britain
2576	75	do	Cotton yarns	Northern district, U. S.
2577		do	Cotton yarns	Southern district, U. S.
2578	11	do	Cotton yarns	Continent of Europe
2579	16	do	Cotton yarns	Great Britain
2580	22	do	Cotton yarns	Great Britain
2581	24	do	Woollen and worsted textiles	United States
2582	24	do	Woollen and worsted textiles	United States
2583		do	Cotton textiles	Northern district, U. S.
2584	1	Spinners, mule	Cotton textiles	Northern district, U. S.
2585	3	do	Cotton textiles	Northern district, U. S.
2586	4	do	Cotton textiles	Northern district, U. S.
2587	15	do	Cotton textiles	Northern district, U. S.
2588	19	do	Cotton textiles	Northern district, U. S.
2589	20	do	Cotton textiles	Northern district, U. S.
2590	22	do	Cotton textiles	Northern district, U. S.
2591	26	do	Cotton textiles	Northern district, U. S.
2592	36	do	Cotton textiles	Northern district, U. S.
2593	37	do	Cotton textiles	Northern district, U. S.
2594	38	do	Cotton textiles	Northern district, U. S.
2595	88	do	Cotton textiles	Northern district, U. S.
2596		do	Cotton textiles	Southern district, U. S.
2597	60	do	Cotton textiles	Continent of Europe
2598	91	do		

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$1.88	4	401	100	$754	$189	2.57	$293	2535
313	.85½	50	11,638	233	9,973	199	37.17	268	2536
156	.67½	98	10,703	109	7,243	74	68.61	106	2537
156	.84½	12	1,279	107	1,078	90	8.20	131	2538
289	.70½	27	3,011	112	2,130	79	10.42	204	2539
313	(a)	11	(a)	(a)	1,762	160	(a)	(a)	2540
313	.95½	10	2,949	295	2,817	282	9.42	299	2541
313	.46	163	40,264	247	18,486	113	128.63	144	2542
156	.45½	54	4,189	78	1,905	35	26.85	71	2543
156	.86½	17	1,560	92	1,351	79	10.00	135	2544
156	.49	169	16,290	96	7,978	47	104.43	76	2545
156	.78	40	3,444	86	2,684	67	22.09	122	2546
313	.57	26	5,993	231	3,411	131	19.16	178	2547
313	.56	42	6,860	163	3,835	91	21.92	175	2548
156	.59½	49	5,059	103	3,008	61	32.42	93	2549
156	(a)	80	(a)	(a)	4,028	50	(a)	(a)	2550
313	.77½	125	17,273	138	13,378	107	55.18	242	2551
156	.94	94	7,276	77	6,823	73	46.66	146	2552
24	.65	19	164	9	107	6	6.83	16	2553
313	.76½	415	32,659	79	24,907	60	104.34	239	2554
156	.80	49	3,148	64	2,519	51	20.19	125	2555
156	.79	123	10,262	83	8,102	66	65.79	123	2556
313	.73½	26	4,459	172	3,285	126	14.24	231	2557
313	.75	19	4,744	250	3,554	187	15.16	234	2558
313	.70½	72	13,928	193	9,815	136	44.50	221	2559
156	.53	66	4,930	75	2,605	39	31.59	82	2560
156	.52½	49	3,380	69	1,767	36	21.66	82	2561
156	.71½	65	4,719	73	3,379	52	30.25	112	2562
313	.45½	41	5,926	145	2,703	66	18.94	143	2563
156	(a)	42	(a)	(a)	2,119	50	(a)	(a)	2564
312	.58½	114	15,744	138	9,221	81	50.46	183	2565
156	.49½	129	10,436	81	5,159	40	66.89	77	2566
313	(a)	73	(a)	(a)	3,499	48	(a)	(a)	2567
313	.41½	62	7,095	114	2,938	47	22.67	130	2568
313	.43	49	8,769	179	3,754	77	28.01	134	2569
156	.44½	41	3,955	96	1,760	43	25.35	69	2570
313	.46	52	8,731	168	4,019	77	27.92	144	2571
313	.31	136	26,544	195	8,234	61	84.80	97	2572
156	.79½	13	1,736	134	1,382	106	11.13	124	2573
72	(a)	15	(a)	(a	443	30	(a)	(a)	2574
313	.45	3	851	284	384	128	2.72	141	2575
78	.61	56	2,943	53	1,790	32	37.73	47	2576
156	.97½	77	6,075	79	5,922	77	38.95	152	2577
313	.36½	61	9,815	161	3,569	59	31.35	114	2578
72	.19½	16	1,136	71	224	14	15.78	14	2579
156	(a)	45	(a)	(a)	2,354	52	(a)	(a)	2580
6	.34	45	216	5	73	2	36.00	2	2581
313	.60½	12	2,406	201	1,457	121	7.68	190	2582
158	.58	4	500	125	290	73	3.17	92	2583
156	(a)	17	(a)	(a)	2,260	133	(a)	(a)	2584
156	1.71	11	1,504	137	2,570	234	9.64	267	2585
156	1.51	28	2,797	100	4,228	151	17.93	236	2586
156	1.79	55	6,286	114	11,265	205	40.29	280	2587
156	1.95½	48	5,909	123	11,549	241	37.88	305	2588
24	1.48	40	730	18	1,082	27	30.42	36	2589
313	(a)	242	(a)	(a)	23,565	97	(a)	(a)	2590
156	1.72	20	2,009	100	3,454	173	12.88	268	2591
313	1.68	10	2,164	216	3,634	363	6.91	526	2592
313	(a)	14	(a)	(a)	4,845	346	(a)	(a)	2593
313	1.25½	4	1,193	298	1,496	374	3.81	392	2594
156	1.66½	20	1,487	74	2,477	124	9.53	260	2595
156	1.92½	21	2,392	114	4,608	219	15.33	301	2596
313	(a)	13	(a)	(a)	2,250	173	(a)	(a)	2597
156	.96½	23	2,907	126	2,810	122	18.63	151	2598

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
2599	92	Spinners, mule—concluded	Cotton textiles	Continent of Europe
2600		do	Cotton textiles	Continent of Europe
2601	75	do	Cotton textiles	Great Britain
2602	1	do	Cotton yarns	Northern district, U. S.
2603	11	do	Cotton yarns	Southern district, U. S.
2604	16	do	Cotton yarns	Continent of Europe
2605	17	do	Cotton yarns	Continent of Europe
2606	18	do	Cotton yarns	Continent of Europe
2607	19	do	Cotton yarns	Great Britain
2608	22	do	Cotton yarns	Great Britain
2609	24	do	Cotton yarns	Great Britain
2610	25	do	Cotton yarns	Great Britain
2611	26	do	Cotton yarns	Great Britain
2612	28	do	Cotton yarns	Great Britain
2613		do	Cotton yarns	Great Britain
2614	3	do	Woollen and worsted textiles	United States
2615	7	do	Woollen and worsted textiles	United States
2616	8	do	Woollen and worsted textiles	United States
2617	12	do	Woollen and worsted textiles	United States
2618	15	do	Woollen and worsted textiles	United States
2619	24	do	Woollen and worsted textiles	United States
2620	26	do	Woollen and worsted textiles	United States
2621	34	do	Woollen and worsted textiles	United States
2622	36	do	Woollen and worsted textiles	United States
2623	40	do	Woollen and worsted textiles	United States
2624		do	Woollen and worsted textiles	United States
2625		do	Woollen and worsted textiles	United States
2626		do	Cotton textiles	Northern district, U. S.
2627	15	Spinner and sweeper	Cotton yarns	Great Britain
2628	22	Spinners' helpers	Cotton textiles	Northern district, U. S.
2629	1	Spoolers	Cotton textiles	Northern district, U. S.
2630	3	do	Cotton textiles	Northern district, U. S.
2631	4	do	Cotton textiles	Northern district, U. S.
2632	9	do	Cotton textiles	Northern district, U. S.
2633	10	do	Cotton textiles	Northern district, U. S.
2634	11	do	Cotton textiles	Northern district, U. S.
2635	12	do	Cotton textiles	Northern district, U. S.
2636	13	do	Cotton textiles	Northern district, U. S.
2637	15	do	Cotton textiles	Northern district, U. S.
2638	17	do	Cotton textiles	Northern district, U. S.
2639	19	do	Cotton textiles	Northern district, U. S.
2640	20	do	Cotton textiles	Northern district, U. S.
2641	22	do	Cotton textiles	Northern district, U. S.
2642	26	do	Cotton textiles	Northern district, U. S.
2643	28	do	Cotton textiles	Northern district, U. S.
2644	36	do	Cotton textiles	Northern district, U. S.
2645	37	do	Cotton textiles	Northern district, U. S.
2646	38	do	Cotton textiles	Northern district, U. S.
2647	85	do	Cotton textiles	Northern district, U. S.
2648	88	do	Cotton textiles	Northern district, U. S.
2649		do	Cotton textiles	Southern district, U. S.
2650	42	do	Cotton textiles	Southern district, U. S.
2651	46	do	Cotton textiles	Southern district, U. S.
2652	47	do	Cotton textiles	Southern district, U. S.
2653	49	do	Cotton textiles	Southern district, U. S.
2654	50	do	Cotton textiles	Southern district, U. S.
2655	51	do	Cotton textiles	Southern district, U. S.
2656	57	do	Cotton textiles	Southern district, U. S.
2657	59	do	Cotton textiles	Southern district, U. S.
2658	60	do	Cotton textiles	Southern district, U. S.
2659	62	do	Cotton textiles	Southern district, U. S.
2660	64	do	Cotton textiles	Southern district, U. S.
2661	67	do	Cotton textiles	Southern district, U. S.
2662	68	do	Cotton textiles	Southern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
72	(a)	27	(a)	(a)	$1,513	$56	(a)	(a)	2599
313	$0.73½	41	10,219	249	7,519	183	32.65	$230	2600
78	1.38	13	924	71	1,274	98	11.85	108	2601
78	2.00½	23	1,660	72	3,331	145	21.28	157	2602
313	1.00	2	564	282	559	280	1.80	310	2603
72	.62	4	267	67	165	41	3.71	44	2604
72	.66	20	1,425	71	940	47	19.79	47	2605
78	.51	40	3,120	78	1,590	40	40.00	40	2606
78	1.32	13	768	59	1,014	78	9.85	103	2607
156	(a)	1	(a)	(a)	210	210	(a)	(a)	2608
6	1.51	17	102	6	154	9	17.00	9	2609
6	1.44½	27	162	6	234	9	27.00	9	2610
6	1.34½	37	222	6	299	8	37.00	8	2611
156	1.51½	31	4,514	146	7,107	229	28.94	246	2612
78	1.40½	10	740	74	1,040	104	9.49	110	2613
156	1.75	20	1,393	70	2,438	122	8.94	273	2614
313	1.49½	30	3,699	123	5,528	184	11.82	468	2615
313	1.57½	13	1,824	140	2,872	221	5.83	493	2616
156	1.32½	11	1,075	98	1,422	129	6.90	206	2617
313	(a)	8	(a)	(a)	2,919	365	(a)	(a)	2618
313	(a)	23	(a)	(a)	4,474	195	(a)	(a)	2619
162	.88	8	1,037	130	914	114	6.40	143	2620
313	2.12½	2	540	270	1,147	574	1.73	665	2621
84	1.00½	4	321	80	322	81	3.82	84	2622
156	1.28	43	2,954	69	3,785	88	18.94	200	2623
156	(a)	10	(a)	(a)	1,944	194	(a)	(a)	2624
156	(a)	18	(a)	(a)	2,812	156	(a)	(a)	2625
313	.70	8	1,318	165	923	115	4.21	219	2626
156	.99½	1	16	16	15	15	0.10	146	2627
156	.19	13	669	51	128	10	4.28	30	2628
156	.56	22	2,002	91	1,126	51	12.83	88	2629
156	.84½	15	1,400	93	1,170	78	8.98	130	2630
156	.76	34	3,456	102	2,634	77	22.14	119	2631
156	.83	15	1,070	71	889	59	6.86	130	2632
156	.65½	24	2,499	104	1,633	68	16.02	102	2633
313	.57	7	884	126	452	65	2.82	160	2634
313	.59½	27	3,473	129	2,059	76	11.10	186	2635
156	.72	13	1,696	130	1,223	94	10.87	112	2636
156	(a)	96	(a)	(a)	5,102	53	(a)	(a)	2637
313	(a)	68	(a)	(a)	5,007	74	(a)	(a)	2638
156	.85	70	5,313	76	4,519	65	34.06	133	2639
24	.73	29	606	21	441	15	25.24	17	2640
313	(a)	368	(a)	(a)	20,246	55	(a)	(a)	2641
156	1.00	20	1,650	83	1,649	82	10.58	156	2642
156	.82	65	5,029	77	4,129	64	32.24	128	2643
313	.67½	28	3,039	109	2,055	73	9.71	212	2644
313	.62½	39	7,847	201	4,904	126	25.07	196	2645
313	.94½	29	5,467	189	5,173	178	17.47	296	2646
156	.76½	18	1,596	84	1,147	64	9.65	119	2647
156	.73	38	2,324	61	1,686	45	14.90	114	2648
156	.88½	53	3,153	59	2,786	53	20.21	138	2649
313	.50	14	1,946	139	973	70	6.22	157	2650
312	(a)	62	(a)	(a)	4,359	70	(a)	(a)	2651
294	.67½	191	19,081	100	12,894	68	64.93	199	2652
156	.68½	48	4,186	87	2,866	60	26.84	107	2653
313	(a)	24	(a)	(a)	1,946	81	(a)	(a)	2654
313	.55	25	1,851	74	1,021	41	5.91	173	2655
313	.50	11	1,546	141	772	70	4.94	156	2656
156	.99	3	404	135	399	133	2.59	154	2657
313	.33	45	7,658	170	2,545	57	24.47	104	2658
313	.44	52	10,469	201	4,609	89	33.45	138	2659
313	(a)	29	(a)	(a)	3,704	128	(a)	(a)	2660
313	(a)	68	(a)	(a)	2,363	35	(a)	(a)	2661
313	.59½	12	1,957	163	1,162	97	6.26	186	2662

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
2663	70	Spoolers—concluded	Cotton textiles	Southern district, U. S.
2664		do	Cotton textiles	Southern district, U. S.
2665	71	do	Cotton textiles	Continent of Europe
2666	91	do	Cotton textiles	Continent of Europe
2667	92	do	Cotton textiles	Continent of Europe
2668	93	do	Cotton textiles	Continent of Europe
2669		do	Cotton textiles	Continent of Europe
2670	1	do	Cotton yarns	Northern district, U. S.
2671		do	Cotton yarns	Northern district, U. S.
2672	9	do	Cotton yarns	Southern district, U. S.
2673	10	do	Cotton yarns	Southern district, U. S.
2674	11	do	Cotton yarns	Southern district, U. S.
2675	3	do	Woollen and worsted textiles	United States
2676	7	do	Woollen and worsted textiles	United States
2677	8	do	Woollen and worsted textiles	United States
2678	12	do	Woollen and worsted textiles	United States
2679	15	do	Woollen and worsted textiles	United States
2680	16	do	Woollen and worsted textiles	United States
2681	21	do	Woollen and worsted textiles	United States
2682	24	do	Woollen and worsted textiles	United States
2683	26	do	Woollen and worsted textiles	United States
2684	34	do	Woollen and worsted textiles	United States
2685	36	do	Woollen and worsted textiles	United States
2686	40	do	Woollen and worsted textiles	United States
2687		do	Woollen and worsted textiles	United States
2688		do	Woollen and worsted textiles	United States
2689		do	Woollen and worsted textiles	United States
2690		do	Woollen and worsted textiles	United States
2691		do	Linen yarns	Continent of Europe
2692		do	Silk textiles	Continent of Europe
2693	4	do	Woollen and worsted textiles	United States
2694		Spoolers and twisters	Linen yarns	Continent of Europe
2695		Spreaders	Cotton textiles	Northern district, U. S.
2696	22	Springers	Cotton textiles	Northern district, U. S.
2697	22	Stampers	Cotton textiles	Northern district, U. S.
2698	28	do	Cotton textiles	Southern district, U. S.
2699	46	do	Cotton textiles	Southern district, U. S.
2700	49	do	Cotton textiles	Southern district, U. S.
2701	60	do	Cotton textiles	Southern district, U. S.
2702	62	do	Cotton textiles	Southern district, U. S.
2703		do	Cotton textiles	Southern district, U. S.
2704		do	Cotton textiles	Continent of Europe
2705	22	Steam and water-power hands	Cotton textiles	Northern district, U. S.
2706	3	Stitchers	Cotton textiles	Northern district, U. S.
2707	4	do	Cotton textiles	Northern district, U. S.
2708	22	do	Cotton textiles	Northern district, U. S.
2709	28	do	Cotton textiles	Northern district, U. S.
2710	38	do	Cotton textiles	Northern district, U. S.
2711	85	do	Cotton textiles	Northern district, U. S.
2712	42	do	Cotton textiles	Southern district, U. S.
2713	44	do	Cotton textiles	Southern district, U. S.
2714	62	do	Cotton textiles	Southern district, U. S.
2715		do	Cotton textiles	Southern district, U. S.
2716	21	do	Woollen and worsted textiles	United States
2717		do	Woollen and worsted textiles	United States
2718	42	do	Woollen and worsted textiles	Continent of Europe
2719	3	Sweepers	Cotton textiles	Northern district, U. S.
2720	9	do	Cotton textiles	Northern district, U. S.
2721	10	do	Cotton textiles	Northern district, U. S.
2722	11	do	Cotton textiles	Northern district, U. S.
2723	12	do	Cotton textiles	Northern district, U. S.
2724	13	do	Cotton textiles	Northern district, U. S.
2725	15	do	Cotton textiles	Northern district, U. S.
2726	17	do	Cotton textiles	Northern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$0.56	19	3,292	173	$1,848	$97	10.52	$176	2663
313	(a)	150	(a)	(a)	6,625	44	(a)	(a)	2664
313	.41	38	9,832	259	4,017	106	31.41	128	2665
156	(a)	43	(a)	(a)	1,436	33	(a)	(a)	2666
72	(a)	74	(a)	(a)	1,823	25	(a)	(a)	2667
313	.22½	15	3,082	205	697	46	9.85	71	2668
313	.32½	183	32,758	179	10,609	58	104.66	101	2669
78	.84⅓	3	229	76	193	64	2.94	66	2670
156	.91½	52	3,976	76	3,646	70	25.49	143	2671
313	.57	64	5,824	91	3,326	52	18.61	179	2672
156	.56	47	2,497	53	1,402	30	16.00	88	2673
313	.43	45	6,126	136	2,625	58	19.58	134	2674
156	.85	8	485	61	412	52	3.11	133	2675
313	.86	19	2,258	119	1,938	102	7.21	269	2676
313	.75⅓	11	1,204	109	908	83	3.85	236	2677
156	.88⅓	5	410	82	362	72	2.63	138	2678
313	.95	6	958	160	912	152	3.06	298	2679
156	.73	8	1,152	144	843	105	7.38	114	2680
313	.64	45	6,033	134	3,876	86	19.27	201	2681
313	(a)	9	(a)	(a)	1,796	200	(a)	(a)	2682
162	.85⅓	7	1,006	144	859	123	6.21	138	2683
313	1.00⅓	7	1,001	143	1,008	144	3.20	315	2684
72	.57⅓	10	605	61	348	35	8.40	41	2685
156	.70	30	1,707	57	1,198	40	10.94	109	2686
156	(a)	5	(a)	(a)	369	74	(a)	(a)	2687
156	(a)	7	(a)	(a)	635	91	(a)	(a)	2688
156	.81⅓	6	698	116	569	95	4.48	127	2689
289	.62	12	817	68	507	42	2.83	179	2690
313	(a)	7	(a)	(a)	555	79	(a)	(a)	2691
313	.41½	76	19,158	252	7,925	104	61.21	129	2692
313	.37	87	15,430	177	5,684	65	49.30	115	2693
156	.57	86	6,908	80	3,929	46	44.28	89	2694
313	.36	14	4,182	299	1,506	108	13.36	113	2695
313	.94	2	323	162	303	152	1.03	294	2696
313	.92	3	352	117	323	108	1.13	287	2697
156	1.59½	3	227	76	362	121	1.45	249	2698
312	.95	1	227	227	211	211	0.73	290	2699
156	1.25	1	153	153	192	192	0.98	196	2700
313	.50	2	82	41	41	21	0.26	157	2701
313	.70	1	305	305	214	214	0.97	220	2702
313	1.03⅓	2	533	267	552	276	1.71	324	2703
313	.47½	1	345	345	165	165	1.10	150	2704
356	1.69½	8	1,990	249	3,374	422	5.59	604	2705
156	1.15	3	214	71	246	82	1.37	179	2706
156	1.08½	3	67	22	73	24	0.43	170	2707
313	(a)	17	(a)	(a)	1,046	62	(a)	(a)	2708
156	1.47	3	409	136	602	201	2.62	230	2709
313	.66⅔	4	815	204	543	136	2.60	209	2710
156	.56	2	235	118	132	66	1.51	88	2711
313	.76	6	292	49	222	37	0.93	238	2712
156	.90	1	148	148	133	133	0.95	140	2713
313	.50	1	254	254	127	127	0.81	157	2714
313	.59	4	633	158	373	93	2.03	184	2715
313	.70⅓	24	4,658	194	3,277	137	14.88	220	2716
156	.89⅓	3	261	87	233	78	1.67	139	2717
313	.37⅓	151	32,376	214	12,128	80	103.44	117	2718
156	.53⅓	12	922	77	492	41	5.92	83	2719
156	.50	5	52	10	26	5	0.33	78	2720
156	.33⅓	14	932	67	313	22	5.99	52	2721
313	.50	1	239	239	120	120	0.76	157	2722
313	.26	19	1,522	80	395	21	4.86	81	2723
156	.48	1	139	139	67	67	0.89	75	2724
156	.42	34	1,412	42	591	17	9.05	65	2725
313	.37½	15	1,701	113	640	43	5.43	118	2726

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
2727	19	Sweepers—concluded	Cotton textiles	Northern district, U. S.
2728	20	...do	Cotton textiles	Northern district, U. S.
2729	22	...do	Cotton textiles	Northern district, U. S.
2730	36	...do	Cotton textiles	Northern district, U. S.
2731	37	...do	Cotton textiles	Northern district, U. S.
2732	38	...do	Cotton textiles	Northern district, U. S.
2733	45	...do	Cotton textiles	Northern district, U. S.
2734	58	...do	Cotton textiles	Southern district, U. S.
2735	42	...do	Cotton textiles	Southern district, U. S.
2736	46	...do	Cotton textiles	Southern district, U. S.
2737	47	...do	Cotton textiles	Southern district, U. S.
2738	49	...do	Cotton textiles	Southern district, U. S.
2739	50	...do	Cotton textiles	Southern district, U. S.
2740	51	...do	Cotton textiles	Southern district, U. S.
2741	57	...do	Cotton textiles	Southern district, U. S.
2742	59	...do	Cotton textiles	Southern district, U. S.
2743	60	...do	Cotton textiles	Southern district, U. S.
2744	62	...do	Cotton textiles	Southern district, U. S.
2745	64	...do	Cotton textiles	Southern district, U. S.
2746	67	...do	Cotton textiles	Southern district, U. S.
2747	68	...do	Cotton textiles	Southern district, U. S.
2748	70	...do	Cotton textiles	Southern district, U. S.
2749		...do	Cotton textiles	Continent of Europe
2750	91	...do	Cotton textiles	Continent of Europe
2751		...do	Cotton yarns	Northern district, U. S.
2752		...do	Cotton yarns	Southern district, U. S.
2753	9	...do	Cotton yarns	Southern district, U. S.
2754	10	...do	Cotton yarns	Southern district, U. S.
2755	11	...do	Cotton yarns	Continent of Europe
2756	16	...do	Cotton yarns	Continent of Europe
2757	17	...do	Woollen and worsted textiles	United States
2758	12	...do	Woollen and worsted textiles	United States
2759	40	...do	Woollen and worsted textiles	United States
2760		...do	Cotton textiles	Continent of Europe
2761	91	Tallyman	Cotton textiles	Northern district, U. S.
2762	3	Teamsters	Cotton textiles	Northern district, U. S.
2763	4	...do	Cotton textiles	Northern district, U. S.
2764	12	...do	Cotton textiles	Northern district, U. S.
2765	15	...do	Cotton textiles	Northern district, U. S.
2766	19	...do	Cotton textiles	Northern district, U. S.
2767	20	...do	Cotton textiles	Northern district, U. S.
2768	22	...do	Cotton textiles	Northern district, U. S.
2769	26	...do	Cotton textiles	Northern district, U. S.
2770	28	...do	Cotton textiles	Northern district, U. S.
2771	36	...do	Cotton textiles	Northern district, U. S.
2772	37	...do	Cotton textiles	Northern district, U. S.
2773	38	...do	Cotton textiles	Southern district, U. S.
2774	42	...do	Cotton textiles	Southern district, U. S.
2775	46	...do	Cotton textiles	Southern district, U. S.
2776	50	...do	Cotton textiles	Southern district, U. S.
2777	51	...do	Cotton textiles	Southern district, U. S.
2778	57	...do	Cotton textiles	Southern district, U. S.
2779	59	...do	Cotton textiles	Southern district, U. S.
2780	60	...do	Cotton textiles	Southern district, U. S.
2781	67	...do	Cotton textiles	Continent of Europe
2782	71	...do	Cotton textiles	Continent of Europe
2783		...do	Cotton textiles	Great Britain
2784	72	...do	Cotton yarns	Southern district, U. S.
2785	9	...do	Cotton yarns	Great Britain
2786	28	...do	Woollen and worsted textiles	United States
2787	7	...do	Woollen and worsted textiles	United States
2788	8	...do	Woollen and worsted textiles	United States
2789	12	...do	Woollen and worsted textiles	United States
2790	21	...do	Woollen and worsted textiles	United States
2791	24	...do	Woollen and worsted textiles	United States
2792	34	...do		

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$0.48	39	2,098	54	$1,009	$26	13.45	$75	2727
24	.42	2	47	24	20	10	1.96	10	2728
313	.69	198	9,651	49	6,675	34	30.84	216	2729
313	.61	10	1,299	130	795	80	4.15	192	2730
313	.46	21	3,471	165	1,593	76	11.09	144	2731
313	.49	14	2,074	148	1,015	73	6.63	153	2732
156	.49	6	256	43	126	21	1.64	77	2733
156	.35½	13	759	58	270	21	4.87	55	2734
313	.24	26	2,342	90	565	22	7.48	76	2735
312	.38½	32	2,426	76	935	29	7.78	120	2736
294	.47	79	2,069	26	972	12	7.04	138	2737
156	.47	49	3,888	79	1,827	37	24.93	73	2738
313	.40	11	953	87	383	35	3.04	126	2739
313	.45	2	108	54	49	25	0.35	142	2740
313	.22½	8	1,331	166	299	37	4.26	70	2741
156	.79	3	273	91	215	72	1.76	123	2742
313	.26½	24	3,009	125	797	33	9.62	83	2743
313	.23	55	9,232	168	2,137	39	29.49	72	2744
313	.45½	15	1,991	133	906	60	6.36	142	2745
313	.35	63	2,269	36	798	13	7.24	110	2746
313	.37½	18	899	50	335	19	2.88	117	2747
313	.19½	3	499	166	97	32	1.59	61	2748
313	.39½	19	1,392	73	550	29	4.45	124	2749
156	.52	2	298	149	156	78	1.91	82	2750
313	.35½	5	1,345	269	479	96	4.30	111	2751
156	.58	2	45	23	26	13	0.29	90	2752
313	.53½	13	748	58	400	31	2.39	167	2753
156	.37½	14	366	26	137	10	2.34	58	2754
313	.27	21	2,295	109	619	29	7.33	84	2755
72	.15½	4	258	65	40	10	3.58	11	2756
72	.34½	1	72	72	25	25	1.00	25	2757
156	1.20	1	131	131	158	158	0.84	188	2758
156	.85	1	112	112	95	95	0.72	132	2759
156	.63½	19	1,023	54	651	34	6.55	99	2760
156	.49	1	137	137	67	67	0.88	76	2761
156	1.66½	1	159	159	265	265	1.02	260	2762
156	1.33½	2	295	148	394	197	1.89	208	2763
313	1.25	1	302	302	377	377	0.96	391	2764
156	1.50	1	152	152	228	228	0.97	234	2765
156	1.75	1	154	154	270	270	0.99	274	2766
24	1.40	1	24	24	33	33	1.00	33	2767
337	1.35½	2	660	330	895	448	1.96	457	2768
156	1.40	2	250	125	350	175	1.60	218	2769
156	1.50	1	170	170	254	254	1.09	233	2770
313	1.31½	1	321	321	422	422	1.03	411	2771
313	1.31½	2	304	152	399	200	0.97	411	2772
313	1.66½	1	288	288	479	479	0.92	521	2773
313	.74½	2	429	215	319	160	1.37	233	2774
312	1.00	1	279	279	279	279	0.89	312	2775
313	1.00	3	644	215	633	211	2.06	308	2776
313	1.00	1	310	310	310	310	0.99	313	2777
313	.93½	5	386	77	360	72	1.24	292	2778
156	1.00	1	120	120	120	120	0.77	156	2779
313	1.05	1	304	304	319	319	0.97	328	2780
313	.83½	1	308	308	256	256	0.98	260	2781
313	.48	3	918	306	440	147	2.93	150	2782
313	.55½	3	704	235	391	130	2.25	174	2783
156	.93½	2	312	156	291	146	2.00	146	2784
313	.83½	1	319	319	266	266	1.02	261	2785
156	.95½	3	312	104	298	99	2.00	149	2786
313	1.50	1	275	275	413	413	0.88	470	2787
313	1.25	1	279	279	349	349	0.89	392	2788
156	1.66½	1	156	156	260	260	1.00	260	2789
313	1.40½	2	524	262	737	369	1.68	440	2790
313	1.25	1	25	25	31	31	0.08	388	2791
313	1.50	4	907	227	1,359	340	2.90	469	2792

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
2793	37	Teamsters—concluded	Woollen and worsted textiles	United States
2794		do	Woollen and worsted textiles	United States
2795		do	Woollen and worsted textiles	United States
2796		do	Woollen and worsted textiles	United States
2797		do	Woollen and worsted textiles	United States
2798		do	Linen textiles	Continent of Europe
2799	24	Teamster and watchman	Woollen and worsted textiles	United States
2800	47	Tentering-machine hands	Cotton textiles	Southern district, U. S.
2801	3	Third hands	Cotton textiles	Northern district, U. S.
2802	4	do	Cotton textiles	Northern district, U. S.
2803	10	do	Cotton textiles	Northern district, U. S.
2804	15	do	Cotton textiles	Northern district, U. S.
2805	19	do	Cotton textiles	Northern district, U. S.
2806	20	do	Cotton textiles	Northern district, U. S.
2807	22	do	Cotton textiles	Northern district, U. S.
2808	26	do	Cotton textiles	Northern district, U. S.
2809	28	do	Cotton textiles	Northern district, U. S.
2810	36	do	Cotton textiles	Northern district, U. S.
2811	88	do	Cotton textiles	Northern district, U. S.
2812		do	Cotton textiles	Southern district, U. S.
2813	42	do	Cotton textiles	Southern district, U. S.
2814	46	do	Cotton textiles	Southern district, U. S.
2815	47	do	Cotton textiles	Southern district, U. S.
2816	49	do	Cotton textiles	Southern district, U. S.
2817	50	do	Cotton textiles	Southern district, U. S.
2818		do	Cotton yarns	Northern district, U. S.
2819	1	do	Cotton yarns	Northern district, U. S.
2820		do	Cotton yarns	Southern district, U. S.
2821	10	do	Woollen and worsted textiles	United States
2822	40	do	Cotton textiles	Continent of Europe
2823	91	Threaders	Woollen and worsted textiles	Continent of Europe
2824	42	do	Silk textiles	Continent of Europe
2825	4	do	Woollen and worsted textiles	United States
2826		Timekeepers	Linen yarns	Continent of Europe
2827		do	Cotton textiles	Northern district, U. S.
2828	10	Tinsmiths	Cotton textiles	Southern district, U. S.
2829	46	do	Cotton textiles	Southern district, U. S.
2830	60	do	Woollen and worsted textiles	Continent of Europe
2831	42	do	Cotton textiles	Northern district, U. S.
2832	4	Trimmers	Cotton textiles	Northern district, U. S.
2833	15	do	Cotton textiles	Northern district, U. S.
2834	17	do	Cotton textiles	Northern district, U. S.
2835	19	do	Cotton textiles	Northern district, U. S.
2836	20	do	Cotton textiles	Northern district, U. S.
2837	22	do	Cotton textiles	Northern district, U. S.
2838	36	do	Cotton textiles	Northern district, U. S.
2839	37	do	Cotton textiles	Northern district, U. S.
2840	88	do	Cotton textiles	Southern district, U. S.
2841	47	do	Cotton textiles	Southern district, U. S.
2842	60	do	Cotton textiles	Southern district, U. S.
2843	64	do	Cotton textiles	Northern district, U. S.
2844	15	Tubers	Cotton textiles	Northern district, U. S.
2845	19	do	Cotton textiles	Northern district, U. S.
2846	20	do	Cotton textiles	Northern district, U. S.
2847	36	do	Cotton textiles	Northern district, U. S.
2848	37	do	Cotton textiles	Northern district, U. S.
2849		do	Cotton yarns	Northern district, U. S.
2850	1	do	Cotton textiles	Northern district, U. S.
2851	10	Twisters	Cotton textiles	Northern district, U. S.
2852	12	do	Cotton textiles	Northern district, U. S.
2853	13	do	Cotton textiles	Northern district, U. S.
2854	36	do	Cotton textiles	Northern district, U. S.
2855	37	do	Cotton textiles	Northern district, U. S.
2856	38	do	Cotton textiles	Northern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$0.96½	5	279	56	$269	$54	0.89	$302	2793
156	1.35	4	165	41	223	56	1.06	211	2794
156	1.33	1	152	152	202	202	0.97	207	2795
156	2.50	1	153	153	383	383	0.98	391	2796
289	1.53½	1	285	285	440	440	0.99	446	2797
144	.41	1	144	144	59	59	1.00	59	2798
365	1.35	1	371	371	501	501	1.02	493	2799
294	1.31	2	528	264	691	346	1.80	385	2800
156	1.41½	5	604	121	854	171	3.86	221	2801
156	1.21	4	576	144	696	174	3.69	189	2802
156	1.25	1	156	156	195	195	1.00	195	2803
156	1.00½	12	755	63	759	63	4.84	157	2804
156	1.32	9	877	97	1,159	129	5.62	206	2805
24	1.54	2	18	9	28	14	0.75	37	2806
313	1.35½	260	23,181	89	31,445	121	74.06	425	2807
156	1.13	6	601	100	678	113	3.85	176	2808
156	1.72	12	1,452	121	2,498	208	9.32	268	2809
313	1.18½	1	272	272	323	323	0.87	372	2810
156	1.25	1	152	152	190	190	0.97	195	2811
156	1.20	4	301	75	361	90	1.93	187	2812
313	.90½	5	645	129	583	117	2.07	283	2813
312	1.15	9	1,740	193	2,005	223	5.58	360	2814
294	1.02½	20	2,557	128	2,622	131	8.70	301	2815
156	1.35	7	626	89	844	121	4.01	210	2816
313	.90	1	59	59	52	52	0.19	276	2817
313	.97	13	1,955	150	1,897	146	6.25	304	2818
78	1.40	1	78	78	109	109	1.00	109	2819
156	2.08	3	450	150	937	312	2.88	325	2820
156	1.00	2	122	61	121	61	0.78	155	2821
156	1.33⅓	1	94	94	125	125	0.60	207	2822
156	(a)	5	(a)	(a)	27	5	(a)	(a)	2823
313	.25	30	4,266	142	1,076	36	13.63	79	2824
313	.40½	16	2,233	140	907	57	7.13	127	2825
156	1.26	4	314	79	395	99	2.01	196	2826
313	.66	3	906	302	597	199	2.90	206	2827
156	1.23	1	117	117	144	144	0.75	192	2828
312	1.75	1	93	93	162	162	0.30	543	2829
313	1.13½	2	346	173	392	196	1.10	355	2830
313	.72½	1	271	271	196	196	0.87	226	2831
156	.73	6	580	97	422	70	3.72	114	2832
156	(a)	11	(a)	(a)	1,138	103	(a)	(a)	2833
313	(a)	10	(a)	(a)	1,148	115	(a)	(a)	2834
156	.95	23	1,909	83	1,813	79	12.24	148	2835
24	(a)	5	(a)	(a)	69	14	(a)	(a)	2836
313	.99	45	3,453	77	3,425	76	11.03	310	2837
313	1.00	7	1,275	182	1,270	181	4.07	312	2838
313	1.00	6	1,240	207	1,240	207	3.96	313	2839
156	1.00	9	726	81	726	81	4.65	156	2840
294	1.20	1	93	93	112	112	0.32	354	2841
313	.60	1	304	304	178	178	0.97	183	2842
313	1.00	1	150	150	150	150	0.48	313	2843
156	.39¾	18	1,184	66	467	26	7.59	62	2844
156	.38½	15	689	46	264	18	4.42	60	2845
24	.45½	6	137	23	62	10	5.71	11	2846
313	.46	2	65	33	30	15	0.21	144	2847
313	.47	3	454	151	214	71	1.45	148	2848
156	.26	15	549	37	148	10	3.52	42	2849
78	.45	13	505	39	227	17	6.47	35	2850
156	.37½	5	712	142	266	53	4.56	58	2851
313	.69½	25	3,697	148	2,570	103	11.82	218	2852
156	1.05½	2	283	142	298	149	1.81	164	2853
313	1.13	6	1,243	207	1,404	234	3.97	354	2854
313	(a)	4	(a)	(a)	1,198	300	(a)	(a)	2855
313	1.83	7	1,804	258	3,303	472	5.76	573	2856

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presented.]

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
2857	82	Twisters—concluded	Cotton textiles	Northern district, U. S.
2858	85	....do	Cotton textiles	Northern district, U. S.
2859	88	....do	Cotton textiles	Northern district, U. S.
2860		....do	Cotton textiles	Northern district, U. S.
2861	57	....do	Cotton textiles	Southern district, U. S.
2862	62	....do	Cotton textiles	Southern district, U. S.
2863	64	....do	Cotton textiles	Southern district, U. S.
2864		....do	Cotton textiles	Continent of Europe
2865	91	....do	Cotton textiles	Continent of Europe
2866	92	....do	Cotton textiles	Continent of Europe
2867		....do	Cotton textiles	Great Britain
2868	72	....do	Cotton textiles	Great Britain
2869	75	....do	Cotton yarns	Northern district, U. S.
2870	1	....do	Cotton yarns	Southern district, U. S.
2871	9	....do	Cotton yarns	Southern district, U. S.
2872	10	....do	Cotton yarns	Southern district, U. S.
2873	11	....do	Cotton yarns	Continent of Europe
2874	16	....do	Cotton yarns	Great Britain
2875	22	....do	Woollen and worsted textiles	United States
2876	7	....do	Woollen and worsted textiles	United States
2877	16	....do	Woollen and worsted textiles	United States
2878	21	....do	Woollen and worsted textiles	United States
2879	26	....do	Woollen and worsted textiles	United States
2880	34	....do	Woollen and worsted textiles	United States
2881	37	....do	Woollen and worsted textiles	United States
2882	40	....do	Woollen and worsted textiles	United States
2883		....do	Woollen and worsted textiles	United States
2884		....do	Linen yarns	Continent of Europe
2885		....do	Cotton textiles	Northern district, U. S.
2886	12	Tying-in girls	Cotton textiles	Northern district, U. S.
2887	22	....do	Cotton textiles	Northern district, U. S.
2888	28	....do	Cotton textiles	Continent of Europe
2889	71	Warehousemen	Cotton textiles	Continent of Europe
2890	92	....do	Cotton textiles	Continent of Europe
2891		....do	Cotton textiles	Great Britain
2892	72	....do	Cotton textiles	Great Britain
2893	75	....do	Cotton yarns	Continent of Europe
2894	16	....do	Cotton yarns	Continent of Europe
2895	17	....do	Cotton yarns	Great Britain
2896	19	....do	Cotton yarns	Great Britain
2897	22	....do	Cotton yarns	Great Britain
2898	25	....do	Cotton yarns	Great Britain
2899	26	....do	Cotton yarns	Great Britain
2900	28	....do	Cotton yarns	Great Britain
2901		....do	Woollen and worsted textiles	Continent of Europe
2902	42	....do	Linen textiles	Continent of Europe
2903		....do	Linen yarns	Continent of Europe
2904		....do	Cotton textiles	Great Britain
2905	72	Warehousemen's helpers	Cotton yarns	Great Britain
2906	23	....do	Cotton textiles	Northern district, U. S.
2907	1	Warpers	Cotton textiles	Northern district, U. S.
2908	3	....do	Cotton textiles	Northern district, U. S.
2909	4	....do	Cotton textiles	Northern district, U. S.
2910	9	....do	Cotton textiles	Northern district, U. S.
2911	10	....do	Cotton textiles	Northern district, U. S.
2912	11	....do	Cotton textiles	Northern district, U. S.
2913	12	....do	Cotton textiles	Northern district, U. S.
2914	13	....do	Cotton textiles	Northern district, U. S.
2915	15	....do	Cotton textiles	Northern district, U. S.
2916	17	....do	Cotton textiles	Northern district, U. S.
2917	19	....do	Cotton textiles	Northern district, U. S.
2918	20	....do	Cotton textiles	Northern district, U. S.
2919	22	....do	Cotton textiles	Northern district, U. S.
2920	26	....do	Cotton textiles	Northern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion. Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$0.90	3	437	146	$394	$131	2.81	$141	2857
156	1.52½	3	346	115	527	176	2.21	238	2858
156	.76	3	448	149	340	113	2.87	118	2859
156	1.50	2	49	25	74	37	0.31	236	2860
313	.73½	1	304	304	223	223	0.97	230	2861
313	.42	14	2,426	173	1,024	73	7.76	132	2862
313	.86	5	862	172	742	148	2.75	269	2863
313	(a)	14	(a)	(a)	970	69	(a)	(a)	2864
156	(a)	3	(a)	(a)	104	35	(a)	(a)	2865
72	(a)	7	(a)	(a)	213	30	(a)	(a)	2866
313	.37	1	298	298	110	110	0.95	116	2867
156	(a)	6	(a)	(a)	602	100	(a)	(a)	2868
78	.81	7	445	64	361	52	5.71	63	2869
78	.71	7	337	48	239	34	4.32	55	2870
313	.67	23	2,464	107	1,647	72	7.87	209	2871
156	.65½	12	779	65	511	43	4.99	102	2872
313	.41½	41	7,387	180	3,052	74	23.59	129	2873
72	.23½	7	302	96	93	15	5.44	17	2874
156	.22	5	510	102	111	22	3.27	34	2875
313	.82½	4	604	151	497	124	1.93	258	2876
156	.59	7	844	121	500	71	5.42	92	2877
313	.72½	12	2,705	225	1,960	163	8.64	227	2878
162	.63	10	950	95	597	60	5.86	102	2879
313	.97	6	955	159	926	154	3.06	303	2880
313	1.77½	7	820	117	1,454	208	2.62	555	2881
156	.75	14	1,634	117	1,225	88	10.47	117	2882
156	.69½	38	4,679	123	3,243	85	29.99	108	2883
299	.51	4	548	137	279	70	1.89	147	2884
313	.34	11	2,854	259	973	88	9.12	107	2885
313	.29½	7	1,208	173	357	51	3.86	93	2886
313	.66	45	4,082	91	2,691	60	13.04	206	2887
156	.45	18	1,070	59	484	27	6.86	71	2888
313	.54	2	626	313	337	169	2.00	169	2889
72	.54½	24	1,719	72	934	39	23.88	39	2890
313	1.05½	1	300	300	314	314	0.96	328	2891
156	.95½	2	302	151	288	144	1.93	149	2892
78	.78	1	82	82	64	64	1.05	61	2893
72	.51½	5	341	68	176	35	4.74	37	2894
72	.49½	5	360	72	178	36	5.00	36	2895
78	.77	1	76	76	59	59	0.97	61	2896
156	.40½	1	140	140	58	58	0.90	65	2897
6	.78	3	18	6	14	5	3.00	5	2898
6	.62½	4	24	6	15	4	4.00	4	2899
156	1.19½	2	305	153	364	182	1.96	186	2900
78	.78½	1	75	75	59	59	0.96	61	2901
313	.62½	1	312	312	196	196	1.00	197	2902
144	.39½	4	408	102	80	20	2.83	28	2903
313	.56	11	2,068	188	1,155	105	6.60	175	2904
156	.20½	2	306	153	62	31	1.96	32	2905
156	.67	3	299	100	200	67	1.91	104	2906
156	.85½	7	573	82	491	70	3.67	134	2907
156	1.02½	3	397	132	406	135	2.54	160	2908
156	.88	14	1,141	82	1,002	72	7.31	137	2909
156	.85	3	367	122	323	108	2.35	137	2910
156	1.18	6	911	152	1,075	179	5.84	184	2911
313	.72	2	534	267	384	192	1.71	225	2912
313	1.09½	5	1,105	221	1,130	226	3.53	320	2913
156	.75	10	1,153	115	842	84	7.39	114	2914
156	(a)	19	(a)	(a)	1,782	94	(a)	(a)	2915
313	(a)	17	(a)	(a)	1,587	93	(a)	(a)	2916
156	1.16½	7	890	127	1,037	148	5.70	182	2917
24	1.01½	6	138	23	146	23	5.75	24	2918
313	(a)	40	(a)	(a)	6,265	157	(a)	(a)	2919
156	1.59½	5	297	59	474	95	1.90	249	2920

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
2921	28	Warpers—concluded	Cotton textiles	Northern district, U. S.
2922	36	....do	Cotton textiles	Northern district, U. S.
2923	37	....do	Cotton textiles	Northern district, U. S.
2924	38	....do	Cotton textiles	Northern district, U. S.
2925	85	....do	Cotton textiles	Northern district, U. S.
2926	88	....do	Cotton textiles	Northern district, U. S.
2927		....do	Cotton textiles	Southern district, U. S.
2928	42	....do	Cotton textiles	Southern district, U. S.
2929	44	....do	Cotton textiles	Southern district, U. S.
2930	46	....do	Cotton textiles	Southern district, U. S.
2931	47	....do	Cotton textiles	Southern district, U. S.
2932	49	....do	Cotton textiles	Southern district, U. S.
2933	50	....do	Cotton textiles	Southern district, U. S.
2934	51	....do	Cotton textiles	Southern district, U. S.
2935	57	....do	Cotton textiles	Southern district, U. S.
2936	59	....do	Cotton textiles	Southern district, U. S.
2937	60	....do	Cotton textiles	Southern district, U. S.
2938	62	....do	Cotton textiles	Southern district, U. S.
2939	64	....do	Cotton textiles	Southern district, U. S.
2940	67	....do	Cotton textiles	Southern district, U. S.
2941	68	....do	Cotton textiles	Southern district, U. S.
2942	70	....do	Cotton textiles	Southern district, U. S.
2943		....do	Cotton textiles	Continent of Europe
2944	71	....do	Cotton textiles	Continent of Europe
2945	91	....do	Cotton textiles	Continent of Europe
2946	92	....do	Cotton textiles	Continent of Europe
2947	93	....do	Cotton textiles	Continent of Europe
2948		....do	Cotton textiles	Great Britain
2949	72	....do	Cotton textiles	Great Britain
2950	75	....do	Cotton yarns	Northern district, U. S.
2951		....do	Cotton yarns	Southern district, U. S.
2952	9	....do	Cotton yarns	Southern district, U. S.
2953	10	....do	Cotton yarns	Southern district, U. S.
2954	11	....do	Cotton yarns	Great Britain
2955	22	....do	Woollen and worsted textiles	United States
2956	16	....do	Woollen and worsted textiles	United States
2957	26	....do	Woollen and worsted textiles	United States
2958	34	....do	Woollen and worsted textiles	United States
2959	37	....do	Woollen and worsted textiles	United States
2960		....do	Woollen and worsted textiles	United States
2961		....do	Woollen and worsted textiles	United States
2962		....do	Woollen and worsted textiles	Continent of Europe
2963	42	....do	Linen textiles	Continent of Europe
2964		....do	Silk textiles	Continent of Europe
2965	4	....do	Woollen and worsted textiles	United States
2966	3	Washers	Woollen and worsted textiles	United States
2967	7	....do	Woollen and worsted textiles	United States
2968	16	....do	Woollen and worsted textiles	United States
2969	34	....do	Woollen and worsted textiles	United States
2970	40	....do	Woollen and worsted textiles	United States
2971		....do	Woollen and worsted textiles	United States
2972		....do	Woollen and worsted textiles	United States
2973		....do	Cotton textiles	Northern district, U. S.
2974	4	Waste hands	Cotton textiles	Northern district, U. S.
2975	15	....do	Cotton textiles	Northern district, U. S.
2976	19	....do	Cotton textiles	Northern district, U. S.
2977	22	....do	Cotton textiles	Northern district, U. S.
2978	28	....do	Cotton textiles	Northern district, U. S.
2979	36	....do	Cotton textiles	Northern district, U. S.
2980	37	....do	Cotton textiles	Southern district, U. S.
2981	46	....do	Cotton textiles	Southern district, U. S.
2982	51	....do	Cotton textiles	Southern district, U. S.
2983	67	....do	Cotton textiles	Southern district, U. S.
2984	68	....do	Cotton textiles	Southern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
156	$1.15	5	621	124	$715	$143	3.98	$180	2921
313	.84½	4	756	189	639	160	2.41	265	2922
313	(a)	3	(a)	(a)	827	276	(a)	(a)	2923
313	2.40½	11	3,285	299	7,908	719	10.49	753	2924
156	1.92½	5	675	135	1,298	260	4.32	300	2925
156	1.08½	2	302	151	326	163	1.94	168	2926
156	1.38½	6	554	92	768	128	3.55	216	2927
313	.66½	3	573	191	381	127	1.83	208	2928
156	(a)	2	(a)	(a)	316	158	(a)	(a)	2929
312	(a)	6	(a)	(a)	764	127	(a)	(a)	2930
294	.99½	8	1,048	131	1,041	130	3.56	292	2931
156	.75½	14	1,749	125	1,319	94	11.21	118	2932
313	.87½	6	1,143	191	998	166	3.65	273	2933
313	1.15	1	288	288	331	331	0.92	360	2934
313	.77½	4	799	200	618	155	2.55	242	2935
156	1.85	1	154	154	285	285	0.99	289	2936
313	(a)	9	(a)	(a)	1,258	140	(a)	(a)	2937
313	.47½	17	3,959	233	1,874	110	12.66	148	2938
313	.87	7	1,447	207	1,259	180	4.63	272	2939
313	.91	11	1,472	134	1,342	122	4.70	285	2940
313	.75	2	591	296	444	222	1.89	235	2941
313	.62½	6	1,125	188	703	117	3.59	196	2942
313	(a)	26	(a)	(a)	2,788	107	(a)	(a)	2943
313	.63½	9	2,418	269	1,532	170	7.73	198	2944
156	(a)	7	(a)	(a)	584	83	(a)	(a)	2945
72	(a)	11	(a)	(a)	499	45	(a)	(a)	2946
313	.47½	2	626	313	296	148	2.00	148	2947
313	.63	20	4,884	244	3,071	154	15.60	197	2948
156	(a)	7	(a)	(a)	690	99	(a)	(a)	2949
78	.73	8	584	73	426	53	7.49	57	2950
156	1.15½	16	1,262	79	1,456	91	8.09	180	2951
313	.93½	6	817	136	762	127	2.62	292	2952
156	.97	18	825	46	809	45	5.35	151	2953
313	.57	2	429	215	244	122	1.37	178	2954
156	(a)	6	(a)	(a)	821	137	(a)	(a)	2955
156	1.63½	4	607	152	991	248	3.89	255	2956
162	1.50	1	135	135	200	200	0.83	240	2957
313	2.22½	2	498	249	1,109	555	1.59	697	2958
313	.65	3	348	116	227	76	1.12	204	2959
156	1.60	3	471	157	753	251	3.02	249	2960
156	1.80	16	1,291	81	2,344	147	8.28	283	2961
158	1.00	1	171	171	171	171	1.08	158	2962
313	.36	122	21,351	175	7,722	63	68.22	113	2963
144	.32½	14	1,728	123	564	40	12.00	47	2964
313	.49½	208	49,139	236	24,350	117	157.00	155	2965
156	1.48½	2	192	96	285	143	1.23	232	2966
313	1.25	4	399	100	499	125	1.27	391	2967
156	1.61½	4	379	95	613	153	2.43	252	2968
313	1.50	1	266	266	399	399	0.85	470	2969
156	.94	3	184	61	173	58	1.18	147	2970
156	1.07½	12	1,406	117	1,508	126	9.01	167	2971
289	1.37	1	73	73	100	100	0.25	396	2972
313	1.38½	3	569	190	788	263	1.82	433	2973
156	.92	2	215	108	198	99	1.38	144	2974
156	.81	3	89	30	72	24	0.57	126	2975
156	1.11½	4	307	77	343	86	1.97	174	2976
313	1.02½	19	1,076	57	1,101	58	3.43	320	2977
156	1.30	2	294	147	387	194	1.88	205	2978
313	1.31½	1	291	291	382	382	0.93	411	2979
313	1.23½	4	870	218	1,073	268	2.78	386	2980
312	.95	1	302	302	287	287	0.97	297	2981
313	.53½	1	366	366	196	196	1.17	168	2982
313	.83½	1	276	276	230	230	0.88	261	2973
313	.90	1	156	156	140	140	0.50	281	2984

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
2985	70	Waste hands—concluded	Cotton textiles	Southern district, U. S.
2986		....do	Cotton textiles	Southern district, U. S.
2987	16	....do	Cotton yarns	Continent of Europe
2988	7	....do	Woollen and worsted textiles	United States
2989	4	Waste pickers	Cotton textiles	Northern district, U. S.
2990	13	....do	Cotton textiles	Northern district, U. S.
2991	36	....do	Cotton textiles	Northern district, U. S.
2992	60	....do	Cotton textiles	Southern district, U. S.
2993	64	....do	Cotton textiles	Southern district, U. S.
2994	70	....do	Cotton textiles	Southern district, U. S.
2995	91	....do	Cotton textiles	Continent of Europe
2996	1	....do	Cotton yarns	Northern district, U. S.
2997	21	....do	Woollen and worsted textiles	United States
2998	40	....do	Woollen and worsted textiles	United States
2999		....do	Woollen and worsted textiles	United States
3000	1	Watchmen	Cotton textiles	Northern district, U. S.
3001	3	....do	Cotton textiles	Northern district, U. S.
3002	4	....do	Cotton textiles	Northern district, U. S.
3003	9	....do	Cotton textiles	Northern district, U. S.
3004	10	....do	Cotton textiles	Northern district, U. S.
3005	11	....do	Cotton textiles	Northern district, U. S.
3006	12	....do	Cotton textiles	Northern district, U. S.
3007	13	....do	Cotton textiles	Northern district, U. S.
3008	15	....do	Cotton textiles	Northern district, U. S.
3009	17	....do	Cotton textiles	Northern district, U. S.
3010	19	....do	Cotton textiles	Northern district, U. S.
3011	20	....do	Cotton textiles	Northern district, U. S.
3012	22	....do	Cotton textiles	Northern district, U. S.
3013	26	....do	Cotton textiles	Northern district, U. S.
3014	28	....do	Cotton textiles	Northern district, U. S.
3015	36	....do	Cotton textiles	Northern district, U. S.
3016	37	....do	Cotton textiles	Northern district, U. S.
3017	38	....do	Cotton textiles	Northern district, U. S.
3018	85	....do	Cotton textiles	Northern district, U. S.
3019	88	....do	Cotton textiles	Northern district, U. S.
3020		....do	Cotton textiles	Southern district, U. S.
3021	42	....do	Cotton textiles	Southern district, U. S.
3022	44	....do	Cotton textiles	Southern district, U. S.
3023	46	....do	Cotton textiles	Southern district, U. S.
3024	47	....do	Cotton textiles	Southern district, U. S.
3025	49	....do	Cotton textiles	Southern district, U. S.
3026	50	....do	Cotton textiles	Southern district, U. S.
3027	51	....do	Cotton textiles	Southern district, U. S.
3028	57	....do	Cotton textiles	Southern district, U. S.
3029	59	....do	Cotton textiles	Southern district, U. S.
3030	60	....do	Cotton textiles	Southern district, U. S.
3031	62	....do	Cotton textiles	Southern district, U. S.
3032	64	....do	Cotton textiles	Southern district, U. S.
3033	67	....do	Cotton textiles	Southern district, U. S.
3034	68	....do	Cotton textiles	Southern district, U. S.
3035	70	....do	Cotton textiles	Southern district, U. S.
3036		....do	Cotton textiles	Continent of Europe
3037	71	....do	Cotton textiles	Continent of Europe
3038	91	....do	Cotton textiles	Continent of Europe
3039	92	....do	Cotton textiles	Continent of Europe
3040		....do	Cotton textiles	Great Britain
3041	75	....do	Cotton yarns	Northern district, U. S.
3042	1	....do	Cotton yarns	Northern district, U. S.
3043		....do	Cotton yarns	Southern district, U. S.
3044	9	....do	Cotton yarns	Southern district, U. S.
3045	10	....do	Cotton yarns	Southern district, U. S.
3046	11	....do	Cotton yarns	Continent of Europe
3047	17	....do	Cotton yarns	Continent of Europe
3048	18	....do		

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$0.64½	2	607	304	$390	$195	1.94	$201	2985
313	1.20	1	283	283	339	339	0.90	375	2986
72	.22½	2	130	65	29	15	1.81	16	2987
313	1.05½	5	900	180	948	190	2.87	330	2988
156	.33⅓	1	107	107	36	36	0.69	52	2989
156	.50	1	143	143	72	72	0.92	79	2990
313	.50	2	206	103	107	54	0.66	163	2991
313	(a)	1	(a)	(a)	247	247	(a)	(a)	2992
313	.52½	6	1,001	167	526	88	3.20	164	2993
313	(a)	3	(a)	(a)	167	56	(a)	(a)	2994
156	(a)	43	(a)	(a)	331	8	(a)	(a)	2995
78	.63	3	132	44	83	28	1.69	49	2996
313	1.01	6	1,428	238	1,441	240	4.57	316	2997
156	1.19	3	414	138	492	164	2.66	185	2998
313	1.18	3	703	234	829	276	2.25	369	2999
182	1.25½	2	356	178	446	223	1.96	228	3000
182	1.52	1	78	78	119	119	0.43	278	3001
182	1.50	2	353	177	529	265	1.94	273	3002
182	1.33⅓	3	360	120	480	160	1.98	243	3003
182	1.16⅔	2	354	177	413	207	1.95	212	3004
365	1.00	1	301	301	301	301	0.82	365	3005
365	1.25	1	333	333	416	416	0.91	456	3006
182	1.00	2	361	181	361	181	1.98	182	3007
182	1.27	5	537	107	683	137	2.95	231	3008
349	1.26⅓	6	1,090	182	1,380	230	3.12	442	3009
182	1.49	19	961	51	1,430	75	5.28	271	3010
28	1.21	2	56	28	68	34	2.00	34	3011
365	1.19⅓	19	2,871	151	3,431	181	7.86	436	3012
156	2.00	1	161	161	322	322	1.03	312	3013
182	1.75	4	717	179	1,254	314	3.94	318	3014
365	1.20	2	610	305	731	366	1.67	437	3015
365	1.33⅓	3	1,070	357	1,429	476	2.93	487	3016
339	1.36	2	654	327	890	445	1.93	461	3017
182	1.44½	1	166	166	240	240	0.91	263	3018
182	1.15	3	351	117	403	134	1.93	209	3019
182	1.24½	3	526	175	655	218	2.89	227	3020
365	1.19	1	367	367	436	436	1.01	434	3021
156	2.37½	2	168	84	399	200	1.08	371	3022
364	1.00	4	1,034	259	1,034	259	2.84	364	3023
343	1.04½	10	1,991	199	2,078	208	5.81	358	3024
182	1.54½	6	527	88	813	136	2.90	281	3025
365	1.25	1	359	359	449	449	0.98	457	3026
365	1.00	1	370	370	370	370	1.01	365	3027
365	.85	2	302	151	257	129	0.83	311	3028
182	1.45	2	189	95	274	137	1.04	264	3029
365	.85	4	1,072	268	911	228	2.94	310	3030
365	1.00	2	732	366	732	366	2.01	365	3031
365	1.14⅔	3	756	252	865	288	2.07	418	3032
365	1.20	1	366	366	439	439	1.00	438	3033
365	1.14½	2	723	362	827	414	1.98	418	3034
365	1.16½	1	345	345	403	403	0.95	426	3035
365	1.34½	11	1,360	124	1,832	167	3.73	492	3036
313	.45⅔	1	329	329	149	149	1.05	142	3037
156	.47½	1	156	156	74	74	1.00	74	3038
84	.47½	7	498	71	236	34	5.93	40	3039
365	.49½	4	1,470	368	727	182	4.03	181	3040
91	.59	1	91	91	54	54	1.00	54	3041
91	1.45½	2	178	89	259	130	1.96	132	3042
182	1.80	2	366	183	659	330	2.01	328	3043
365	1.00	3	417	139	417	139	1.14	365	3044
182	1.00	1	166	166	166	166	0.91	182	3045
365	.81½	4	498	125	405	101	1.36	297	3046
72	.38½	1	72	72	28	28	1.00	28	3047
78	.59½	3	234	78	139	46	3.00	46	3048

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
3049	22	Watchmen—concluded	Cotton yarns	Great Britain
3050	25	....do	Cotton yarns	Great Britain
3051	28	....do	Cotton yarns	Great Britain
3052	3	....do	Woollen and worsted textiles	United States
3053	7	....do	Woollen and worsted textiles	United States
3054	8	....do	Woollen and worsted textiles	United States
3055	12	....do	Woollen and worsted textiles	United States
3056	15	....do	Woollen and worsted textiles	United States
3057	16	....do	Woollen and worsted textiles	United States
3058	21	....do	Woollen and worsted textiles	United States
3059	24	....do	Woollen and worsted textiles	United States
3060	26	....do	Woollen and worsted textiles	United States
3061	34	....do	Woollen and worsted textiles	United States
3062	36	....do	Woollen and worsted textiles	United States
3063	40	....do	Woollen and worsted textiles	United States
3064	———	....do	Woollen and worsted textiles	United States
3065	———	....do	Woollen and worsted textiles	United States
3066	———	....do	Woollen and worsted textiles	United States
3067	———	....do	Woollen and worsted textiles	United States
3068	———	....do	Woollen and worsted textiles	United States
3069	———	....do	Woollen and worsted textiles	United States
3070	———	....do	Woollen and worsted textiles	United States
3071	42	....do	Woollen and worsted textiles	Continent of Europe
3072	———	....do	Linen yarns	Continent of Europe
3073	42	Water boys	Cotton textiles	Southern district, U. S.
3074	51	....do	Cotton textiles	Southern district, U. S.
3075	57	....do	Cotton textiles	Southern district, U. S.
3076	62	....do	Cotton textiles	Southern district, U. S.
3077	70	....do	Cotton textiles	Southern district, U. S.
3078	11	....do	Cotton yarns	Southern district, U. S.
3079	1	Weavers	Cotton textiles	Northern district, U. S.
3080	3	....do	Cotton textiles	Northern district, U. S.
3081	4	....do	Cotton textiles	Northern district, U. S.
3082	9	....do	Cotton textiles	Northern district, U. S.
3083	10	....do	Cotton textiles	Northern district, U. S.
3084	11	....do	Cotton textiles	Northern district, U. S.
3085	12	....do	Cotton textiles	Northern district, U. S.
3086	13	....do	Cotton textiles	Northern district, U. S.
3087	15	....do	Cotton textiles	Northern district, U. S.
3088	17	....do	Cotton textiles	Northern district, U. S.
3089	19	....do	Cotton textiles	Northern district, U. S.
3090	20	....do	Cotton textiles	Northern district, U. S.
3091	22	....do	Cotton textiles	Northern district, U. S.
3092	26	....do	Cotton textiles	Northern district, U. S.
3093	28	....do	Cotton textiles	Northern district, U. S.
3094	36	....do	Cotton textiles	Northern district, U. S.
3095	37	....do	Cotton textiles	Northern district, U. S.
3096	38	....do	Cotton textiles	Northern district, U. S.
3097	82	....do	Cotton textiles	Northern district, U. S.
3098	85	....do	Cotton textiles	Northern district, U. S.
3099	88	....do	Cotton textiles	Northern district, U. S.
3100	———	....do	Cotton textiles	Northern district, U. S.
3101	42	....do	Cotton textiles	Southern district, U. S.
3102	44	....do	Cotton textiles	Southern district, U. S.
3103	46	....do	Cotton textiles	Southern district, U. S.
3104	47	....do	Cotton textiles	Southern district, U. S.
3105	49	....do	Cotton textiles	Southern district, U. S.
3106	50	....do	Cotton textiles	Southern district, U. S.
3107	51	....do	Cotton textiles	Southern district, U. S.
3108	57	....do	Cotton textiles	Southern district, U. S.
3109	59	....do	Cotton textiles	Southern district, U. S.
3110	60	....do	Cotton textiles	Southern district, U. S.
3111	62	....do	Cotton textiles	Southern district, U. S.
3112	64	....do	Cotton textiles	Southern district, U. S.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
182	$1.00½	1	190	190	$191	$191	1.04	$183	3049
6	.89	1	6	6	5	5	1.00	5	3050
156	1.01½	1	156	156	157	157	1.00	157	3051
182	1.43	1	182	182	260	260	1.00	260	3052
365	1.60	3	364	121	583	194	1.00	585	3053
365	1.50	1	357	357	536	536	0.98	548	3054
182	1.50	1	182	182	273	273	1.00	273	3055
365	1.45	1	363	363	526	526	0.99	529	3056
182	1.50	1	181	181	272	272	0.99	274	3057
365	1.50	2	634	317	951	476	1.74	548	3058
365	1.20	4	496	124	598	150	1.36	440	3059
189	1.37½	2	372	186	511	256	1.97	260	3060
365	1.43	2	733	367	1,047	524	2.01	521	3061
84	1.14⅓	1	84	84	96	96	1.00	96	3062
182	1.54½	2	314	157	485	243	1.73	281	3063
182	1.25	1	145	145	181	181	0.80	227	3064
182	1.25	3	380	127	475	158	2.08	228	3065
182	1.44	5	850	170	1,222	244	4.67	262	3066
182	1.75½	4	370	93	649	162	2.02	319	3067
337	1.31⅓	1	336	336	440	440	1.00	441	3068
365	1.64⅓	1	365	365	600	600	1.00	600	3069
365	1.18	1	365	365	432	432	1.00	432	3070
365	.69	2	730	365	502	251	2.00	251	3071
365	.55½	2	628	314	349	175	1.72	203	3072
313	.26	4	302	76	79	20	0.96	82	3073
313	.50	2	152	76	79	40	0.49	163	3074
313	.60	1	115	115	69	69	0.37	188	3075
313	.60	4	682	171	409	102	2.18	188	3076
313	.29	2	301	151	92	46	0.96	96	3077
313	.63	2	196	98	123	62	0.62	196	3078
156	(a)	213	(a)	(a)	15,033	71	(a)	(a)	3079
156	1.17½	144	11,985	83	14,072	98	76.82	183	3080
156	1.03½	325	35,157	108	36,318	112	225.37	161	3081
156	.99	88	5,381	61	5,318	60	34.50	154	3082
156	.67	101	11,452	113	7,669	76	73.41	104	3083
313	.76	80	13,069	163	9,900	124	41.76	237	3084
313	.68	132	19,268	146	13,125	99	61.57	213	3085
156	.85½	91	9,836	108	8,434	93	63.06	134	3086
156	(a)	841	(a)	(a)	57,358	68	(a)	(a)	3087
313	1.42½	525	37,540	72	53,497	102	119.93	446	3088
156	1.45	559	55,859	100	80,879	145	358.08	226	3089
24	1.09½	200	3,724	19	4,083	20	155.17	26	3090
313	(a)	2,401	(a)	(a)	190,295	79	(a)	(a)	3091
156	1.22	310	28,398	92	34,626	112	182.04	190	3092
156	.97½	516	41,397	80	40,307	78	265.37	152	3093
313	1.09½	186	29,571	159	32,383	174	94.48	343	3094
313	(a)	254	(a)	(a)	43,449	171	(a)	(a)	3095
313	1.40½	219	47,558	217	66,827	305	151.94	440	3096
156	1.35½	114	15,021	132	20,316	178	96.29	211	3097
156	1.22	160	15,373	96	18,785	117	98.54	191	3098
156	1.39	166	15,772	95	21,919	132	101.10	217	3099
156	1.22½	394	25,835	66	31,632	80	165.61	191	3100
313	.82½	124	13,406	108	11,048	89	42.83	258	3101
156	(a)	197	(a)	(a)	9,862	50	(a)	(a)	3102
312	(a)	429	(a)	(a)	30,281	71	(a)	(a)	3103
294	.98	661	56,100	85	54,991	83	190.81	288	3104
156	(a)	301	(a)	(a)	24,535	82	(a)	(a)	3105
313	(a)	124	(a)	(a)	15,394	124	(a)	(a)	3106
313	(a)	92	(a)	(a)	8,413	91	(a)	(a)	3107
313	.86½	132	17,862	135	15,429	117	57.06	270	3108
156	.73½	105	9,321	89	6,832	65	59.75	114	3109
313	(a)	210	(a)	(a)	33,665	160	(a)	(a)	3110
313	(a)	218	(a)	(a)	25,461	117	(a)	(a)	3111
313	(a)	184	(a)	(a)	18,642	101	(a)	(a)	3112

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
3113	67	Weavers—concluded	Cotton textiles	Southern district, U. S.
3114	68	....do	Cotton textiles	Southern district, U. S.
3115	70	....do	Cotton textiles	Southern district, U. S.
3116		....do	Cotton textiles	Continent of Europe.
3117	71	....do	Cotton textiles	Continent of Europe.
3118	91	....do	Cotton textiles	Continent of Europe.
3119	92	....do	Cotton textiles	Continent of Europe.
3120	93	....do	Cotton textiles	Continent of Europe.
3121		....do	Cotton textiles	Great Britain
3122	72	....do	Woollen and worsted textiles	United States
3123	3	....do	Woollen and worsted textiles	United States
3124	7	....do	Woollen and worsted textiles	United States
3125	8	....do	Woollen and worsted textiles	United States
3126	12	....do	Woollen and worsted textiles	United States
3127	15	....do	Woollen and worsted textiles	United States
3128	16	....do	Woollen and worsted textiles	United States
3129	21	....do	Woollen and worsted textiles	United States
3130	24	....do	Woollen and worsted textiles	United States
3131	26	....do	Woollen and worsted textiles	United States
3132	34	....do	Woollen and worsted textiles	United States
3133	36	....do	Woollen and worsted textiles	United States
3134	37	....do	Woollen and worsted textiles	United States
3135	40	....do	Woollen and worsted textiles	United States
3136		....do	Woollen and worsted textiles	United States
3137		....do	Woollen and worsted textiles	United States
3138		....do	Woollen and worsted textiles	United States
3139		....do	Woollen and worsted textiles	United States
3140		....do	Woollen and worsted textiles	United States
3141		....do	Woollen and worsted textiles	United States
3142		....do	Woollen and worsted textiles	United States
3143		....do	Woollen and worsted textiles	United States
3144	42	....do	Woollen and worsted textiles	Continent of Europe.
3145		....do	Woollen and worsted textiles	Continent of Europe.
3146		....do	Linen textiles	Continent of Europe.
3147	4	....do	Silk textiles	Continent of Europe.
3148	1	Weavers, spare	Cotton textiles	Northern district, U. S.
3149	75	Weavers and weavers' helpers	Cotton textiles	Great Britain
3150	70	Weavers' apprentices	Cotton textiles	Southern district, U. S.
3151		Weighers	Cotton textiles	Southern district, U. S.
3152	91	....do	Cotton textiles	Continent of Europe.
3153	16	....do	Cotton yarns	Continent of Europe.
3154	22	....do	Cotton yarns	Great Britain
3155	28	....do	Cotton yarns	Great Britain
3156	21	....do	Woollen and worsted textiles	United States
3157	22	Wheelmen	Cotton textiles	Northern district, U. S.
3158	28	....do	Cotton textiles	Northern district, U. S.
3159	46	....do	Cotton textiles	Southern district, U. S.
3160	42	....do	Woollen and worsted textiles	Continent of Europe.
3161	10	Winders	Cotton textiles	Northern district, U. S.
3162	13	....do	Cotton textiles	Northern district, U. S.
3163	15	....do	Cotton textiles	Northern district, U. S.
3164	22	....do	Cotton textiles	Northern district, U. S.
3165	38	....do	Cotton textiles	Northern district, U. S.
3166	44	....do	Cotton textiles	Southern district, U. S.
3167	64	....do	Cotton textiles	Southern district, U. S.
3168	72	....do	Cotton textiles	Great Britain
3169	75	....do	Cotton textiles	Great Britain
3170	1	....do	Cotton yarns	Northern district, U. S.
3171	16	....do	Cotton yarns	Continent of Europe.
3172	22	....do	Cotton yarns	Great Britain
3173	7	....do	Woollen and worsted textiles	United States
3174	21	....do	Woollen and worsted textiles	United States

a Paid by the quantity. The daily rate of pay and days of work done can not be given.
b A compulsory insurance for sickness of 3½ cents per week should be deducted from the earnings here given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Continued.

tion. Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$0.99	203	18,241	90	$18,075	$89	58.28	$310	3113
313	.73	84	13,140	156	9,583	114	41.98	228	3114
313	(a)	96	(a)	(a)	9,297	97	(a)	(a)	3115
313	(a)	400	(a)	(a)	51,317	128	(a)	(a)	3116
313	.48	259	61,027	236	29,316	113	194.97	150	3117
156	(a)	224	(a)	(a)	16,340	73	(a)	(a)	3118
72	.43	389	26,803	69	11,580	30	372.26	31	3119
313	.45½	62	16,767	270	7,646	123	53.57	143	3120
313	.50½	868	188,587	217	95,539	110	602.52	159	3121
156	.71	193	29,345	152	20,843	108	188.11	111	3122
156	1.39½	86	4,893	57	6,832	79	31.37	218	3123
313	1.55	93	15,391	165	23,852	256	49.18	485	3124
313	1.50	65	6,252	96	9,368	144	19.96	469	3125
156	1.62½	38	4,392	116	7,128	188	28.16	253	3126
313	1.06½	21	4,706	224	5,014	239	15.04	333	3127
156	1.44½	66	8,665	131	12,532	190	55.54	226	3128
313	1.33	161	28,216	175	37,578	233	90.14	417	3129
313	(a)	78	(a)	(a)	20,100	258	(a)	(a)	3130
162	1.48½	33	3,182	96	4,730	143	19.64	241	3131
313	2.00	49	8,830	180	17,659	360	28.21	626	3132
72	1.56½	42	2,578	61	4,034	96	35.81	113	3133
313	1.03½	121	13,532	112	13,987	116	43.23	324	3134
156	1.49	107	9,051	85	13,504	126	58.02	233	3135
156	(a)	38	(a)	(a)	5,536	146	(a)	(a)	3136
156	(a)	55	(a)	(a)	6,823	124	(a)	(a)	3137
156	1.79	247	26,399	107	47,208	191	169.23	279	3138
156	(a)	31	(a)	(a)	4,688	151	(a)	(a)	3139
158	(a)	6	(a)	(a)	830	138	(a)	(a)	3140
289	(a)	63	(a)	(a)	11,768	187	(a)	(a)	3141
313	(a)	33	(a)	(a)	5,843	177	(a)	(a)	3142
313	(a)	54	(a)	(a)	9,250	171	(a)	(a)	3143
313	(a)	1,000	(a)	(a)	128,685	129	(a)	(a)	3144
156	(a)	65	(a)	(a)	(b) 4,207	(b) 65	(a)	(a)	3145
144	.34½	71	9,320	131	3,226	45	64.72	50	3146
313	.51	379	77,038	203	39,221	103	246.12	159	3147
156	.81½	67	717	11	583	9	4.59	127	3148
78	(c)	(c)	(c)	(c)	13,981	(c)	(c)	(c)	3149
313	.40½	18	996	55	404	22	3.18	127	3150
313	.64½	9	322	36	208	23	1.63	202	3151
156	.38½	10	965	97	372	37	6.18	60	3152
72	.27	1	64	64	17	17	0.89	19	3153
156	.51	3	411	137	210	70	2.63	80	3154
156	.58½	2	147	74	86	43	0.94	91	3155
313	1.50	1	371	371	556	556	1.19	469	3156
313	1.33	3	895	298	1,189	396	2.86	416	3157
156	1.50	2	174	87	256	128	1.12	230	3158
312	1.00	1	294	294	294	294	0.94	312	3159
313	.82	1	301	301	247	247	0.96	257	3160
156	.31	5	715	143	222	44	4.58	48	3161
156	.46	8	915	114	420	53	5.86	72	3162
156	.35½	4	98	25	35	9	0.63	56	3163
313	.84	40	1,643	41	1,378	34	5.25	263	3164
313	1.03	44	8,143	185	8,378	190	26.02	322	3165
156	(a)	25	(a)	(a)	1,321	53	(a)	(a)	3166
313	.34	2	177	89	60	30	0.56	106	3167
156	(a)	28	(a)	(a)	1,806	65	(a)	(a)	3168
78	.40½	43	3,098	72	1,256	29	39.72	32	3169
78	.60	16	537	34	322	20	6.88	47	3170
72	.19½	10	597	60	116	12	8.29	14	3171
156	(a)	21	(a)	(a)	893	43	(a)	(a)	3172
313	.75	1	290	290	218	218	0.93	235	3173
313	.57	2	230	115	131	66	0.73	178	3174

c Paid by the quantity. The daily rate of pay, the different employés, and the days of work done can not be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Concluded.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
3175	24	Winders—concluded	Woollen and worsted textiles	United States
3176	37	....do	Woollen and worsted textiles	United States
3177	40	....do	Woollen and worsted textiles	United States
3178		....do	Woollen and worsted textiles	United States
3179		....do	Woollen and worsted textiles	United States
3180		....do	Woollen and worsted textiles	Continent of Europe
3181	42	....do	Woollen and worsted textiles	Continent of Europe
3182		....do	Linen textiles	Continent of Europe
3183	4	....do	Silk textiles	Southern district, U. S.
3184		Wood turners	Cotton textiles	Continent of Europe
3185	91	....do	Cotton textiles	Continent of Europe
3186		....do	Cotton textiles	Continent of Europe
3187		....do	Linen yarns	Continent of Europe
3188	1	Yard hands	Cotton textiles	Northern district, U. S.
3189	3	....do	Cotton textiles	Northern district, U. S.
3190	4	....do	Cotton textiles	Northern district, U. S.
3191	9	....do	Cotton textiles	Northern district, U. S.
3192	19	....do	Cotton textiles	Northern district, U. S.
3193	22	....do	Cotton textiles	Northern district, U. S.
3194	26	....do	Cotton textiles	Northern district, U. S.
3195	28	....do	Cotton textiles	Northern district, U. S.
3196	36	....do	Cotton textiles	Northern district, U. S.
3197	38	....do	Cotton textiles	Northern district, U. S.
3198	42	....do	Cotton textiles	Southern district, U. S.
3199	47	....do	Cotton textiles	Southern district, U. S.
3200	49	....do	Cotton textiles	Southern district, U. S.
3201	51	....do	Cotton textiles	Southern district, U. S.
3202	64	....do	Cotton textiles	Southern district, U. S.
3203	70	....do	Cotton textiles	Southern district, U. S.
3204		....do	Woollen and worsted textiles	United States
3205	8	....do	Woollen and worsted textiles	United States
3206	21	....do	Linen yarns	Continent of Europe
3207		....do	Cotton textiles	Southern district, U. S.
3208	67	Yarn bundlers	Cotton textiles	Great Britain
3209	75	....do	Cotton yarns	Southern district, U. S.
3210	11	....do	Cotton yarns	Great Britain
3211	22	....do	Cotton textiles	Northern district, U. S.
3212	4	Yarn carriers	Cotton yarns	Great Britain
3213	22	....do	Woollen and worsted textiles	United States
3214	7	....do	Woollen and worsted textiles	United States
3215	40	....do	Woollen and worsted textiles	Continent of Europe
3216		....do	Cotton textiles	Northern district, U. S.
3217	15	Yarn hands	Cotton textiles	Southern district, U. S.
3218	46	....do	Cotton textiles	Southern district, U. S.
3219	47	....do	Cotton textiles	Southern district, U. S.
3220	60	....do	Cotton textiles	Southern district, U. S.
3221		....do	Cotton yarns	Northern district, U. S.
3222		....do	Woollen and worsted textiles	United States
3223	37	....do	Cotton textiles	Southern district, U. S.
3224	62	Yarn inspectors	Cotton textiles	Continent of Europe
3225	93	....do	Cotton textiles	Great Britain
3226	72	....do	Cotton yarns	Northern district, U. S.
3227	1	....do	Cotton yarns	Southern district, U. S.
3228	11	....do	Cotton yarns	Continent of Europe
3229	16	....do	Woollen and worsted textiles	United States
3230		....do	Woollen and worsted textiles	Continent of Europe
3231	42	....do	Cotton textiles	Great Britain
3232	72	Yarn inspectors' helper		

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

A.—COTTON, WOOLLEN, LINEN, AND SILK—Concluded.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$0.70	16	1,432	90	$1,006	$63	4.58	$220	3175
313	.50	1	35	35	18	18	0.11	161	3176
156	.89½	8	705	88	630	79	4.51	139	3177
156	.90	1	147	147	132	132	0.94	140	3178
289	.78½	77	6,910	90	5,423	70	44.29	122	3179
313	.43	4	258	65	111	28	0.89	124	3180
144	.35½	10	2,783	278	991	99	8.89	111	3181
313	.21	4	444	111	94	24	3.08	30	3182
313	.51	123	25,146	204	12,811	104	80.34	159	3183
313	1.62	2	576	288	933	467	1.84	507	3184
156	.69	2	341	171	235	118	2.18	108	3185
313	.68½	3	711	237	488	163	2.27	215	3186
313	.57	2	596	298	341	171	1.90	179	3187
156	.96½	4	352	88	339	85	2.25	150	3188
156	1.27½	9	285	32	363	40	1.82	199	3189
156	1.34½	11	651	59	877	80	4.17	210	3190
156	1.25	2	181	91	221	111	1.16	190	3191
156	1.10	6	478	80	526	88	3.06	172	3192
313	1.11	89	4,298	48	4,778	54	13.74	348	3193
156	1.33½	18	1,444	80	1,928	107	9.26	208	3194
156	1.39½	28	2,393	85	3,336	119	15.33	217	3195
313	1.27½	6	919	153	1,170	195	2.93	398	3196
313	1.50	3	548	183	822	274	1.75	470	3197
313	.69½	14	607	43	421	30	1.94	217	3198
294	.96	14	2,450	175	2,354	168	8.34	282	3199
156	1.33	34	705	21	938	28	4.52	208	3200
313	1.00	1	374	374	374	374	1.19	313	3201
313	.93½	13	761	59	713	55	2.43	293	3202
313	1.00	2	185	93	187	94	0.59	316	3203
313	.97½	71	3,001	42	2,930	41	9.58	306	3204
313	1.25	2	330	168	420	210	1.07	391	3205
313	1.21½	10	1,597	160	1,940	194	5.10	380	3206
313	.46½	9	2,263	251	1,051	117	7.23	145	3207
313	.87	3	285	95	248	83	0.91	272	3208
78	.57	1	76	76	43	43	0.97	44	3209
313	.58½	6	842	140	494	82	2.69	184	3210
156	.97½	2	303	152	295	148	1.94	152	3211
156	1.04	2	273	137	284	142	1.75	162	3212
156	.16	1	59	59	10	10	0.38	26	3213
313	1.50	2	309	155	463	232	0.99	469	3214
156	.88½	2	249	125	220	110	1.60	138	3215
156	.58½	1	156	156	92	92	1.00	92	3216
156	1.04	3	154	51	162	54	0.99	164	3217
312	.57½	7	443	63	255	36	1.42	180	3218
294	.99½	10	1,863	186	1,850	185	6.34	292	3219
313	.44	4	662	166	290	73	2.11	137	3220
313	.36	18	1,455	81	527	29	4.64	113	3221
156	.82½	4	127	32	105	26	0.82	129	3222
313	.83½	1	198	198	169	169	0.63	267	3223
313	.51	5	958	192	489	98	3.06	160	3224
313	.17	2	626	313	106	53	2.00	53	3225
156	1.21½	1	150	150	182	182	0.96	189	3226
78	.95	2	155	78	147	74	1.99	74	3227
313	.64	2	323	162	207	104	1.03	201	3228
72	.15½	1	72	72	11	11	1.00	11	3229
156	.77	14	1,892	135	1,460	104	12.12	120	3230
313	.89½	6	1,861	310	1,665	278	5.95	280	3231
156	.32½	1	146	146	47	47	0.94	50	3232

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
3233	3	Batch wheelers	Window glass	United States
3234	25	....do	Window glass	United States
3235	30	....do	Window glass	United States
3236	32	....do	Window glass	United States
3237	36	....do	Window glass	United States
3238	37	....do	Window glass	United States
3239	34	Batch wheelers and fillers-in	Window glass	United States
3240	35	....do	Window glass	United States
3241	2	Blacksmiths	Window glass	United States
3242	3	....do	Window glass	United States
3243	6	....do	Window glass	United States
3244	9	....do	Window glass	United States
3245	10	....do	Window glass	United States
3246	16	....do	Window glass	United States
3247	20	....do	Window glass	United States
3248	23	....do	Window glass	United States
3249	25	....do	Window glass	United States
3250	30	....do	Window glass	United States
3251	32	....do	Window glass	United States
3252	34	....do	Window glass	United States
3253	36	....do	Window glass	United States
3254	37	....do	Window glass	United States
3255	38	....do	Window glass	Continent of Europe
3256	6	....do	Green glass bottles	United States
3257	8	....do	Green glass bottles	United States
3258	15	....do	Green glass bottles	United States
3259	16	....do	Green glass bottles	United States
3260	17	....do	Green glass bottles	United States
3261	18	....do	Green glass bottles	United States
3262	19	....do	Green glass bottles	United States
3263	22	....do	Green glass bottles	United States
3264	23	....do	Green glass bottles	United States
3265	24	....do	Green glass bottles	United States
3266	25	....do	Green glass bottles	United States
3267	26	....do	Green glass bottles	United States
3268	28	....do	Green glass bottles	United States
3269	3	....do	Flint glass bottles	United States
3270	5	....do	Flint glass bottles	United States
3271	6	....do	Flint glass bottles	United States
3272	11	....do	Flint glass bottles	United States
3273	2	....do	Lamp chimneys	United States
3274	4	....do	Lamp chimneys	United States
3275	5	....do	Lamp chimneys	United States
3276	——	....do	Lamp chimneys	United States
3277	36	Blacksmiths and engineers	Window glass	United States
3278	9	....do	Green glass bottles	United States
3279	——	....do	Lamp chimneys	United States
3280	8	Blacksmiths' apprentice	Green glass bottles	United States
3281	2	Blacksmiths' helpers	Window glass	United States
3282	23	....do	Window glass	United States
3283	37	....do	Window glass	United States
3284	38	....do	Window glass	Continent of Europe
3285	16	....do	Green glass bottles	United States
3286	5	....do	Flint glass bottles	United States
3287	6	....do	Flint glass bottles	United States
3288	2	Blowers	Window glass	United States
3289	3	....do	Window glass	United States
3290	6	....do	Window glass	United States
3291	9	....do	Window glass	United States
3292	10	....do	Window glass	United States
3293	16	....do	Window glass	United States
3294	20	....do	Window glass	United States
3295	23	....do	Window glass	United States
3296	25	....do	Window glass	United States
3297	30	....do	Window glass	United States
3298	32	....do	Window glass	United States

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
260	$2.61½	3	555	185	$1,451	$484	2.13	$680	3233
313	1.89	1	137	137	258	258	0.44	589	3234
313	1.25	1	242	242	301	301	0.77	389	3235
313	1.83½	1	212	212	391	391	0.68	577	3236
313	1.98½	8	1,694	212	3,359	420	5.41	621	3237
313	2.01½	4	663	166	1,336	334	2.12	631	3238
313	1.98	1	222	222	440	440	0.71	620	3239
313	2.13½	2	440	220	939	470	1.41	668	3240
313	2.13½	1	246	246	525	525	0.79	668	3241
313	4.16½	1	243	243	1,012	1,012	0.78	1,304	3242
313	3.00	1	282	282	842	842	0.90	935	3243
313	1.25	1	208	208	260	260	0.66	391	3244
313	1.53½	1	33	33	50	50	0.11	474	3245
313	3.02½	1	219	219	663	663	0.70	948	3246
313	1.80	1	214	214	383	383	0.68	560	3247
313	1.84½	1	281	281	518	518	0.90	577	3248
313	2.50	1	297	297	742	742	0.95	782	3249
313	2.00	1	215	215	430	430	0.69	626	3250
313	1.92½	1	209	209	408	408	0.67	611	3251
313	1.50	1	222	222	333	333	0.71	470	3252
313	1.66⅔	2	102	51	169	85	0.33	519	3253
313	2.83½	1	240	240	680	680	0.77	887	3254
313	.75	1	313	313	235	235	1.00	235	3255
313	2.00	1	263	263	524	524	0.84	624	3256
313	2.10½	2	573	287	1,205	603	1.83	658	3257
313	2.66½	1	280	280	747	747	0.89	835	3258
313	2.50	1	313	313	782	782	1.00	782	3259
313	2.00	1	192	192	383	383	0.61	624	3260
313	1.91	3	194	65	371	124	0.62	599	3261
313	2.50	1	330	330	825	825	1.05	783	3262
313	1.86½	1	276	276	515	515	0.88	584	3263
313	3.00	1	296	296	895	895	0.95	946	3264
313	4.00	1	246	246	984	984	0.79	1,252	3265
313	2.47	3	290	97	717	239	0.92	774	3266
313	1.55½	2	259	130	403	202	0.82	487	3267
90	2.50	1	90	90	225	225	1.00	225	3268
313	2.90½	1	228	228	662	662	0.73	909	3269
313	3.00	1	274	274	822	822	0.88	939	3270
313	2.40	3	229	76	550	183	0.73	752	3271
313	2.80	1	268	268	748	748	0.86	874	3272
313	1.50	1	270	270	405	405	0.86	470	3273
313	2.62	2	244	122	639	320	0.78	820	3274
313	2.50	1	298	298	745	745	0.95	783	3275
313	2.00	2	75	38	149	75	0.24	622	3276
313	4.98	1	100	100	498	498	0.32	1,559	3277
128	2.00	1	131	131	263	263	1.02	257	3278
313	2.10½	1	194	194	408	408	0.62	658	3279
313	.70	1	264	264	183	183	0.84	217	3280
313	1.50	1	232	232	348	348	0.74	470	3281
313	1.00	1	196	196	196	196	0.63	313	3282
313	1.33½	1	240	240	320	320	0.77	417	3283
313	.31	1	313	313	97	97	1.00	97	3284
313	1.53	1	294	294	464	464	0.94	494	3285
313	1.50	1	272	272	406	406	0.87	467	3286
313	1.10	4	305	76	330	83	0.97	339	3287
260	6.78	22	2,572	117	17,444	793	9.91	1,763	3288
269	7.10½	35	4,433	127	31,507	900	17.03	1,848	3289
260	6.69⅓	15	1,271	85	8,508	567	4.89	1,740	3290
260	7.82	9	1,380	153	10,791	1,199	5.31	2,033	3291
260	5.16	13	1,366	105	7,049	542	5.26	1,342	3292
260	5.19	30	2,579	86	13,386	446	9.92	1,349	3293
260	6.52	13	1,597	123	10,416	801	6.14	1,696	3294
260	5.26½	40	4,063	102	21,395	535	15.62	1,369	3295
313	6.62½	9	1,634	182	10,826	1,203	5.21	2,074	3296
260	5.60¼	27	2,437	90	13,659	506	9.37	1,457	3297
313	6.36	12	1,880	157	11,959	997	6.01	1,991	3298

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
3299	34	Blowers—concluded	Window glass	United States
3300	35	....do	Window glass	United States
3301	36	....do	Window glass	United States
3302	37	....do	Window glass	United States
3303	38	....do	Window glass	Continent of Europe
3304	6	....do	Green glass bottles	United States
3305	8	....do	Green glass bottles	United States
3306	9	....do	Green glass bottles	United States
3307	15	....do	Green glass bottles	United States
3308	16	....do	Green glass bottles	United States
3309	17	....do	Green glass bottles	United States
3310	18	....do	Green glass bottles	United States
3311	19	....do	Green glass bottles	United States
3312	22	....do	Green glass bottles	United States
3313	23	....do	Green glass bottles	United States
3314	24	....do	Green glass bottles	United States
3315	25	....do	Green glass bottles	United States
3316	26	....do	Green glass bottles	United States
3317	28	....do	Green glass bottles	United States
3318	3	....do	Flint glass bottles	United States
3319	5	....do	Flint glass bottles	United States
3320	6	....do	Flint glass bottles	United States
3321	11	....do	Flint glass bottles	United States
3322	1	....do	Lamp chimneys	United States
3323	2	....do	Lamp chimneys	United States
3324	4	....do	Lamp chimneys	United States
3325	5	....do	Lamp chimneys	United States
3326		....do	Lamp chimneys	United States
3327	6	Blowers, boss	Window glass	United States
3328	30	....do	Window glass	United States
3329	32	....do	Window glass	United States
3330	36	....do	Window glass	United States
3331	37	....do	Window glass	United States
3332	6	....do	Green glass bottles	United States
3333	23	....do	Green glass bottles	United States
3334	26	....do	Green glass bottles	United States
3335	4	....do	Lamp chimneys	United States
3336	30	Blowers and gatherers	Window glass	United States
3337	4	....do	Lamp chimneys	United States
3338		....do	Lamp chimneys	United States
3339	8	Blowers' apprentices	Green glass bottles	United States
3340	9	....do	Green glass bottles	United States
3341	15	....do	Green glass bottles	United States
3342	16	....do	Green glass bottles	United States
3343	17	....do	Green glass bottles	United States
3344	18	....do	Green glass bottles	United States
3345	19	....do	Green glass bottles	United States
3346	22	....do	Green glass bottles	United States
3347	23	....do	Green glass bottles	United States
3348	24	....do	Green glass bottles	United States
3349	25	....do	Green glass bottles	United States
3350	26	....do	Green glass bottles	United States
3351	3	....do	Flint glass bottles	United States
3352	5	....do	Flint glass bottles	United States
3353	11	....do	Flint glass bottles	United States
3354	17	Box nailers	Green glass bottles	United States
3355	5	....do	Lamp chimneys	United States
3356		....do	Lamp chimneys	United States
3357	6	Boxmakers	Window glass	United States
3358	9	....do	Window glass	United States
3359	16	....do	Window glass	United States
3360	30	....do	Window glass	United States
3361	32	....do	Window glass	United States
3362	9	....do	Green glass bottles	United States

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each].

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$6.59	17	2,216	130	$14,603	$859	7.09	$2,063	3299
313	6.92	33	2,577	78	17,839	541	8.23	2,167	3300
313	6.11½	19	3,480	183	21,280	1,120	11.12	1,914	3301
260	7.62	44	4,713	107	35,917	816	18.14	1,981	3302
313	3.09½	9	1,452	161	4,497	500	4.64	969	3303
313	5.35	37	5,033	136	26,923	728	16.07	1,674	3304
313	3.34½	35	6,995	200	23,408	669	22.35	1,047	3305
128	4.48	22	1,702	77	7,626	347	13.30	574	3306
313	5.11	38	7,498	197	38,310	1,008	23.94	1,599	3307
313	4.94	44	8,351	190	41,241	937	26.68	1,546	3308
313	5.89	17	1,928	113	11,355	668	6.15	1,843	3309
313	4.51½	16	1,803	113	8,137	509	5.77	1,413	3310
313	5.07½	39	4,237	109	21,509	552	13.55	1,589	3311
313	3.66	27	2,955	109	10,815	401	9.45	1,146	3312
313	3.97	32	4,567	143	18,137	567	14.59	1,243	3313
313	4.46	52	6,895	133	30,755	591	22.02	1,396	3314
313	4.52	58	6,659	115	30,090	519	21.29	1,414	3315
313	4.85½	60	4,646	77	22,561	376	14.85	1,520	3316
90	4.59½	20	1,782	89	8,192	410	19.80	414	3317
313	4.24½	73	5,355	73	22,744	312	17.12	1,329	3318
313	5.20	81	7,000	86	36,394	449	22.35	1,627	3319
313	4.40½	44	3,468	79	15,268	347	11.09	1,378	3320
313	4.53½	72	6,901	96	31,313	435	22.05	1,420	3321
286	3.13½	24	3,505	146	10,989	458	12.25	897	3322
286	3.16	27	3,721	138	11,751	435	13.01	903	3323
286	3.93½	59	6,959	118	27,398	464	24.33	1,126	3324
313	3.35	66	10,581	160	35,472	537	33.80	1,049	3325
313	3.50	62	7,896	127	27,636	446	25.23	1,096	3326
260	10.59	1	170	170	1,800	1,800	0.65	2,753	3327
260	10.41½	1	190	190	1,979	1,979	0.73	2,708	3328
313	8.65	1	120	120	1,038	1,038	0.38	2,707	3329
313	12.17½	2	386	193	4,700	2,350	1.23	3,811	3330
260	10.87	2	368	184	4,000	2,000	1.42	2,826	3331
313	6.58	1	239	239	1,573	1,573	0.76	2,060	3332
313	9.07	2	350	175	3,175	1,588	1.12	2,839	3333
313	5.94½	1	233	233	1,385	1,385	0.74	1,861	3334
313	4.28½	1	228	228	977	977	0.73	1,341	3335
260	4.34½	7	528	75	2,294	328	2.02	1,130	3336
286	3.12½	1	142	142	444	444	0.50	894	3337
313	2.56½	1	220	220	564	564	0.70	802	3338
313	1.54½	54	9,363	173	14,467	268	29.90	484	3339
128	2.10½	10	1,106	111	2,326	233	8.64	269	3340
313	2.00	7	1,212	173	2,424	346	3.87	626	3341
313	1.85½	11	2,556	232	4,740	431	8.17	580	3342
313	2.69	2	312	156	839	420	1.00	842	3343
313	2.45	5	885	177	2,169	434	2.83	767	3344
313	1.96½	4	769	192	1,511	378	2.45	615	3345
313	1.59½	3	584	195	931	310	1.86	499	3346
313	1.82½	4	733	183	1,338	335	2.34	571	3347
313	1.66	6	1,161	194	1,927	321	3.71	520	3348
313	1.81	12	932	78	1,689	141	2.97	567	3349
313	2.40½	6	1,300	217	3,127	521	4.15	753	3350
313	1.85	17	1,410	83	2,612	154	4.52	580	3351
313	2.57½	6	552	92	1,421	237	1.76	806	3352
313	1.58½	5	1,077	215	1,706	341	3.44	496	3353
313	1.34½	1	182	182	245	245	0.58	421	3354
313	.75	7	1,335	191	1,001	143	4.27	235	3355
313	.56½	2	48	24	27	14	0.15	176	3356
313	1.50	1	279	279	420	420	0.89	471	3357
313	1.20½	3	831	277	1,003	334	2.66	378	3358
313	3.69	1	104	104	384	384	0.33	1,156	3359
313	1.27	2	199	100	253	127	0.63	398	3360
313	2.95½	2	240	120	709	355	0.76	925	3361
128	(a)	1	(a)	(a)	291	291	(a)	(a)	3362

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
3363	15	Boxmakers—concluded	Green glass bottles	United States
3364	16	....do	Green glass bottles	United States
3365	26	....do	Green glass bottles	United States
3366	6	....do	Flint glass bottles	United States
3367	4	....do	Lamp chimneys	United States
3368	25	Boxmaker and packer	Window glass	United States
3369	16	Boxmakers' helpers	Window glass	United States
3370	30	....do	Window glass	United States
3371	16	....do	Green glass bottles	United States
3372	6	Bricklayers	Green glass bottles	United States
3373	18	....do	Green glass bottles	United States
3374	32	Call boys	Window glass	United States
3375	38	....do	Window glass	Continent of Europe
3376	8	Carpenters	Green glass bottles	United States
3377	15	....do	Green glass bottles	United States
3378	18	....do	Green glass bottles	United States
3379	23	....do	Green glass bottles	United States
3380	24	....do	Green glass bottles	United States
3381	28	....do	Green glass bottles	United States
3382	6	....do	Flint glass bottles	United States
3383	5	....do	Lamp chimneys	United States
3384	——	....do	Lamp chimneys	United States
3385	6	Carriers-in	Green glass bottles	United States
3386	8	....do	Green glass bottles	United States
3387	9	....do	Green glass bottles	United States
3388	15	....do	Green glass bottles	United States
3389	16	....do	Green glass bottles	United States
3390	17	....do	Green glass bottles	United States
3391	18	....do	Green glass bottles	United States
3392	19	....do	Green glass bottles	United States
3393	22	....do	Green glass bottles	United States
3394	23	....do	Green glass bottles	United States
3395	24	....do	Green glass bottles	United States
3396	25	....do	Green glass bottles	United States
3397	26	....do	Green glass bottles	United States
3398	28	....do	Green glass bottles	United States
3399	3	....do	Flint glass bottles	United States
3400	5	....do	Flint glass bottles	United States
3401	6	....do	Flint glass bottles	United States
3402	1	....do	Lamp chimneys	United States
3403	2	....do	Lamp chimneys	United States
3404	5	....do	Lamp chimneys	United States
3405	26	Carrier-in and gatherer	Green glass bottles	United States
3406	18	Carrier-in and layer-up	Green glass bottles	United States
3407	26	Carriers-in and snappers-up	Green glass bottles	United States
3408	36	Carriers-out	Window glass	United States
3409	36	Carriers-over	Window glass	United States
3410	25	....do	Green glass bottles	United States
3411	5	....do	Flint glass bottles	United States
3412	6	....do	Flint glass bottles	United States
3413	17	Chippers	Green glass bottles	United States
3414	18	....do	Green glass bottles	United States
3415	19	....do	Green glass bottles	United States
3416	5	....do	Lamp chimneys	United States
3417	3	Clay grinders	Window glass	United States
3418	9	....do	Window glass	United States
3419	38	....do	Window glass	Continent of Europe
3420	32	Clay grinder and pot-shell picker.	Window glass	United States
3421	3	Clay trampers	Window glass	United States
3422	9	....do	Window glass	United States
3423	23	....do	Window glass	United States
3424	25	....do	Window glass	United States
3425	32	....do	Window glass	United States
3426	34	....do	Window glass	United States
3427	36	....do	Window glass	United States

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$1.76½	2	528	264	$932	$466	1.68	$552	3363
313	2.17⅓	2	608	304	1,321	661	1.94	680	3364
313	1.50	1	60	60	91	91	0.19	475	3365
313	.59½	7	537	77	320	46	1.72	187	3366
313	2.83⅓	1	209	209	592	592	0.67	887	3367
313	3.84⅓	1	213	213	819	819	0.68	1,204	3368
313	.58⅓	2	208	104	121	61	0.66	182	3369
313	.66⅔	2	354	177	229	115	1.13	202	3370
313	.70	2	319	160	223	112	1.02	219	3371
313	5.76⅔	2	17	9	98	49	0.06	1,804	3372
313	3.50	1	12	12	42	42	0.04	1,096	3373
313	.30	3	338	113	101	34	1.08	94	3374
313	.27	1	252	252	68	68	0.81	84	3375
313	1.35	1	296	296	402	402	0.95	425	3376
313	3.16	1	272	272	859	859	0.87	988	3377
313	2.50	2	39	20	98	49	0.12	787	3378
313	2.40	1	305	305	734	734	0.97	753	3379
313	2.00	1	312	312	624	624	1.00	626	3380
90	2.44	1	104	104	254	254	1.16	220	3381
313	1.67½	4	316	79	530	133	1.00	525	3382
313	2.50	1	82	82	204	204	0.26	779	3383
313	1.75	3	74	25	129	43	0.24	546	3384
313	.50	36	2,844	79	1,514	42	9.09	167	3385
313	.66⅔	54	6,156	114	4,092	76	19.67	208	3386
128	.51⅛	9	1,021	113	525	58	7.98	66	3387
313	.50	72	9,260	129	4,771	66	29.58	161	3388
313	.66	10	1,928	193	1,275	128	6.16	207	3389
313	.49	13	1,392	107	685	53	4.45	154	3390
313	.50	14	2,124	152	1,062	76	6.79	157	3391
313	.64½	53	3,697	70	2,391	45	11.82	202	3392
313	.50	16	1,902	119	961	60	6.08	158	3393
313	.50	1	121	121	61	61	0.39	158	3394
313	.66⅔	47	6,205	132	4,146	88	19.82	209	3695
313	.66⅔	42	3,096	74	2,062	49	9.89	208	3396
313	.66⅔	79	5,250	66	3,511	44	16.77	209	3397
90	.53	11	671	61	356	32	7.46	48	3398
313	.53⅓	26	3,768	145	2,025	78	12.04	168	3399
313	.70	34	2,682	79	1,882	55	8.57	220	3400
313	.40	25	1,507	60	606	24	4.81	126	3401
286	.70	26	1,445	56	1,024	39	5.05	203	3402
286	.72½	5	333	67	240	48	1.16	206	3403
313	.63	28	1,048	37	659	24	3.35	197	3404
313	.81½	1	184	184	150	150	0.59	255	3405
313	.68	1	172	172	117	117	0.55	213	3406
313	.74½	6	776	129	580	97	2.48	234	3407
313	1.30½	5	960	192	1,255	251	3.07	409	3408
313	2.10	1	193	193	405	405	0.62	657	3409
313	.66½	15	850	57	567	38	2.72	209	3410
313	.40	38	2,157	57	871	23	6.89	126	3411
313	.40	19	937	49	382	20	2.99	128	3412
313	.61	4	464	116	284	71	1.48	192	3413
313	.66⅔	2	330	165	220	110	1.05	209	3414
313	.66⅔	20	1,370	69	920	46	4.38	210	3415
313	.83½	2	461	231	385	193	1.47	261	3416
313	1.35	1	93	93	126	126	0.30	424	3417
313	1.25	1	317	317	405	405	1.01	400	3418
313	.56	1	294	294	165	165	0.94	176	3419
313	1.77	1	192	192	340	340	0.61	554	3420
313	1.50	3	606	202	914	305	1.94	472	3421
313	1.25	1	306	306	383	383	0.98	392	3422
313	1.25	7	707	101	885	126	2.26	392	3423
313	1.50	3	112	37	167	56	0.36	467	3424
313	1.44½	3	161	54	233	78	0.51	453	3425
313	1.53½	1	313	313	480	480	1.00	480	3426
313	1.50	2	416	208	616	308	1.33	463	3427

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
3428	37	Clay trampers—concluded	Window glass	United States
3429	38	do	Window glass	Continent of Europe
3430	15	do	Green glass bottles	United States
3431	1	do	Lamp chimneys	United States
3432	3	Clay tramper and laborer	Window glass	United States
3433	5	Cleaners-off	Flint glass bottles	United States
3434	6	do	Flint glass bottles	United States
3435	5	do	Lamp chimneys	United States
3436	2	Coal wheelers	Window glass	United States
3437	9	do	Window glass	United States
3438	20	do	Window glass	United States
3439	23	do	Window glass	United States
3440	38	do	Window glass	Continent of Europe
3441	11	do	Flint glass bottles	United States
3442	15	Cooling boys	Green glass bottles	United States
3443	32	Cullet pickers	Window glass	United States
3444	15	do	Green glass bottles	United States
3445	2	Cutters	Window glass	United States
3446	3	do	Window glass	United States
3447	6	do	Window glass	United States
3448	9	do	Window glass	United States
3449	10	do	Window glass	United States
3450	16	do	Window glass	United States
3451	20	do	Window glass	United States
3452	23	do	Window glass	United States
3453	25	do	Window glass	United States
3454	30	do	Window glass	United States
3455	32	do	Window glass	United States
3456	34	do	Window glass	United States
3457	35	do	Window glass	United States
3458	36	do	Window glass	United States
3459	37	do	Window glass	United States
3460	38	do	Window glass	Continent of Europe
3461	1	do	Lamp chimneys	United States
3462	3	Cutters, boss	Window glass	United States
3463	6	do	Window glass	United States
3464	9	do	Window glass	United States
3465	20	do	Window glass	United States
3466	23	do	Window glass	United States
3467	25	do	Window glass	United States
3468	30	do	Window glass	United States
3469	32	do	Window glass	United States
3470	34	do	Window glass	United States
3471	35	do	Window glass	United States
3472	36	do	Window glass	United States
3473	37	do	Window glass	United States
3474	2	Cutter and engraver	Lamp chimneys	United States
3475	38	Cutters' helpers	Window glass	Continent of Europe
3476	2	do	Lamp chimneys	United States
3477	5	Cutters-off	Lamp chimneys	United States
3478	23	Demijohn coverer	Green glass bottles	United States
3479	35	Dippers	Window glass	United States
3480	36	do	Window glass	United States
3481	37	do	Window glass	United States
3482	2	Engineers	Window glass	United States
3483	16	do	Window glass	United States
3484	8	do	Green glass bottles	United States
3485	9	do	Green glass bottles	United States
3486	15	do	Green glass bottles	United States
3487	16	do	Green glass bottles	United States
3488	17	do	Green glass bottles	United States
3489	22	do	Green glass bottles	United States
3490	23	do	Green glass bottles	United States
3491	3	do	Flint glass bottles	United States
3492	1	do	Lamp chimneys	United States
3493	2	do	Lamp chimneys	United States

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$1.66½	2	587	294	$977	$489	1.88	$521	3428
313	.63½	1	196	196	124	124	0.63	198	3429
313	1.54	3	759	253	1,169	390	2.43	482	3430
313	1.50	2	239	120	361	181	0.76	473	3431
313	1.43½	1	233	233	334	334	0.74	449	3432
313	.60	13	1,816	140	1,090	84	5.80	188	3433
313	.60	18	1,274	71	758	42	4.07	186	3434
313	1.25½	6	718	120	900	150	2.29	392	3435
260	2.67	10	777	78	1,610	161	2.99	539	3436
260	2.00	1	173	173	346	346	0.67	520	3437
313	1.27	1	295	295	374	374	0.94	397	3438
260	1.60	10	398	40	639	64	1.53	417	3439
313	.79½	1	263	263	209	209	0.84	249	3440
313	1.67½	1	138	138	231	231	0.44	524	3441
313	.60	9	860	96	517	57	2.75	188	3442
313	.68½	1	194	194	133	133	0.62	215	3443
313	1.50	2	356	178	548	274	1.14	482	3444
313	4.88½	6	1,229	205	6,006	1,001	3.92	1,530	3445
313	4.80	9	1,917	213	9,205	1,023	6.13	1,503	3446
313	4.06½	4	475	119	1,932	483	1.52	1,273	3447
260	4.95½	2	406	203	2,011	1,006	1.56	1,288	3448
313	3.92½	6	797	133	3,128	521	2.54	1,228	3449
313	4.22½	9	1,552	172	6,556	728	4.96	1,322	3450
313	3.74½	3	566	189	2,119	706	1.81	1,172	3451
313	4.77½	7	1,370	196	6,539	934	4.37	1,494	3452
313	5.46½	3	309	103	1,689	563	0.98	1,711	3453
313	5.28½	4	665	166	3,515	879	2.12	1,654	3454
313	5.02½	11	687	62	3,452	314	2.20	1,573	3455
313	5.14½	3	666	222	3,425	1,142	2.13	1,610	3456
313	4.45½	5	882	176	3,930	786	2.83	1,395	3457
313	5.19	8	1,319	165	6,846	856	4.23	1,625	3458
313	5.40	12	2,060	172	11,126	927	6.58	1,691	3459
313	.84	2	626	313	526	263	2.00	263	3460
313	3.26	2	218	109	711	356	0.70	1,021	3461
313	5.48½	1	234	234	1,283	1,283	0.75	1,716	3462
313	6.45	1	240	240	1,548	1,548	0.77	2,019	3463
260	7.24½	1	213	213	1,543	1,543	0.82	1,883	3464
313	5.62	1	180	180	1,012	1,012	0.58	1,760	3465
313	6.38	1	254	254	1,620	1,620	0.81	1,996	3466
313	9.07	1	216	216	1,959	1,959	0.69	2,839	3467
313	7.56	1	237	237	1,792	1,792	0.76	2,367	3468
313	7.82	1	178	178	1,392	1,392	0.57	2,448	3469
313	8.59	1	222	222	1,907	1,907	0.71	2,689	3470
313	7.68½	1	224	224	1,722	1,722	0.72	2,406	3471
313	6.68½	1	252	252	1,684	1,684	0.81	2,092	3472
313	8.86½	1	223	223	1,977	1,977	0.71	2,775	3473
313	3.33	1	240	240	799	799	0.77	1,042	3474
313	.14½	1	313	313	46	46	1.00	46	3475
313	1.66½	1	240	240	400	400	0.77	522	3476
313	1.25½	6	314	52	394	66	1.00	393	3477
313	4.25	1	301	301	1,279	1,279	0.96	1,330	3478
313	1.58½	2	437	219	692	346	1.40	496	3479
313	2.10	1	193	193	405	405	0.62	657	3480
313	1.83½	2	440	220	811	406	1.41	577	3481
313	2.40½	1	240	240	577	577	0.77	753	3482
313	1.50	2	424	212	636	318	1.35	470	3483
313	1.46	2	591	296	864	432	1.89	458	3484
150	1.20	1	148	148	179	179	0.99	181	3485
313	2.22	2	573	287	1,273	637	1.83	695	3486
365	2.55	2	652	326	1,663	832	1.78	931	3487
313	1.50	2	167	84	250	125	0.53	469	3488
313	2.73½	1	286	286	782	782	0.91	856	3489
365	1.74	2	500	250	870	435	1.37	635	3490
313	1.75	3	435	145	754	251	1.39	543	3491
313	2.27½	1	296	296	674	674	0.95	713	3492
313	2.00	2	200	100	400	200	0.64	626	3493

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
3494	3	Engineer, chief	Flint glass bottles	United States
3495	——	Engravers	Lamp chimneys	United States
3496	11	Engraver and grinder	Flint glass bottles	United States
3497	1	Filers	Lamp chimneys	United States
3498	3	Fillers-in	Window glass	United States
3499	24	Fillers-in and teasers	Green glass bottles	United States
3500	4	Finishers	Lamp chimneys	United States
3501	5	....do	Lamp chimneys	United States
3502	——	....do	Lamp chimneys	United States
3503	4	Finishers and gatherers	Lamp chimneys	United States
3504	2	Flatteners	Window glass	United States
3505	3	....do	Window glass	United States
3506	6	....do	Window glass	United States
3507	9	....do	Window glass	United States
3508	10	....do	Window glass	United States
3509	16	....do	Window glass	United States
3510	20	....do	Window glass	United States
3511	23	....do	Window glass	United States
3512	25	....do	Window glass	United States
3513	30	....do	Window glass	United States
3514	32	....do	Window glass	United States
3515	34	....do	Window glass	United States
3516	35	....do	Window glass	United States
3517	36	....do	Window glass	United States
3518	37	....do	Window glass	United States
3619	38	....do	Window glass	Continent of Europe
3520	16	Flatteners' apprentices	Window glass	United States
3521	10	Foremen	Window glass	United States
3522	16	....do	Window glass	United States
3523	35	....do	Window glass	United States
3524	38	....do	Window glass	Continent of Europe
3525	23	....do	Green glass bottles	United States
3526	21	....do	Green glass bottles	United States
3527	3	....do	Flint glass bottles	United States
3528	——	....do	Lamp chimneys	United States
3529	8	Foremen, laborers	Green glass bottles	United States
3530	18	....do	Green glass bottles	United States
3531	23	....do	Green glass bottles	United States
3532	16	Foremen, yard	Green glass bottles	United States
3533	1	....do	Lamp chimneys	United States
3534	2	Furnacemen	Window glass	United States
3535	——	....do	Lamp chimneys	United States
3536	1	Gaffers	Lamp chimneys	United States
3537	2	....do	Lamp chimneys	United States
3538	2	Gatherers	Window glass	United States
3539	3	....do	Window glass	United States
3540	6	....do	Window glass	United States
3541	9	....do	Window glass	United States
3542	10	....do	Window glass	United States
3543	16	....do	Window glass	United States
3544	20	....do	Window glass	United States
3545	23	....do	Window glass	United States
3546	25	....do	Window glass	United States
3547	30	....do	Window glass	United States
3548	32	....do	Window glass	United States
3549	34	....do	Window glass	United States
3550	35	....do	Window glass	United States
3551	36	....do	Window glass	United States
3552	37	....do	Window glass	United States
3553	38	....do	Window glass	Continent of Europe
3554	6	....do	Green glass bottles	United States
3555	8	....do	Green glass bottles	United States
3556	9	....do	Green glass bottles	United States
3557	15	....do	Green glass bottles	United States
3558	16	....do	Green glass bottles	United States
3559	17	....do	Green glass bottles	United States

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for the period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$3.00	1	227	227	$674	$674	0.73	$929	3494
313	3.00	2	92	46	276	138	0.29	939	3495
313	3.00	1	264	264	792	792	0.84	939	3496
313	.58½	5	676	135	389	78	2.16	180	3497
260	2.53	2	202	101	511	256	0.77	658	3498
365	1.78	4	1,091	273	1,943	486	2.99	650	3499
286	.97½	94	6,787	72	6,616	70	23.73	279	3500
313	.87½	122	9,078	74	7,955	65	29.00	274	3501
313	.75	101	8,964	89	6,723	67	28.64	235	3502
286	1.49½	2	270	135	404	202	0.94	428	3503
260	6.60½	5	680	136	4,452	898	2.62	1,718	3504
260	5.42½	7	1,510	216	8,191	1,170	5.79	1,410	3505
260	7.60	2	365	183	2,774	1,387	1.40	1,976	3506
260	7.19½	2	371	186	2,669	1,335	1.43	1,870	3507
313	4.06½	2	462	231	1,878	939	1.48	1,272	3508
313	5.04½	5	779	156	3,929	786	2.49	1,579	3509
313	7.14	2	360	180	2,570	1,285	1.15	2,234	3510
313	5.33½	8	963	120	5,136	642	3.07	1,669	3511
313	6.95	3	414	138	2,878	959	1.33	2,176	3512
313	5.88½	3	657	219	3,867	1,289	2.10	1,842	3513
313	5.24	3	651	217	3,410	1,137	2.08	1,640	3514
313	6.09	3	666	222	4,057	1,352	2.13	1,907	3515
313	6.99	3	663	221	4,636	1,545	2.12	2,189	3516
313	7.39½	5	960	192	7,098	1,420	3.06	2,314	3517
313	7.60	9	1,331	148	10,118	1,124	4.25	2,379	3518
313	1.27½	3	710	237	906	302	2.27	399	3519
313	2.69½	4	759	190	2,047	512	2.42	844	3520
313	3.20½	2	570	285	1,827	914	1.82	1,003	3521
313	3.46½	1	219	219	759	759	0.70	1,085	3522
365	2.36	2	547	274	1,290	645	1.50	861	3523
313	.98½	3	939	313	926	309	3.00	309	3524
313	5.00	1	306	306	1,530	1,530	0.98	1,565	3525
313	2.50	1	312	312	780	780	1.00	783	3526
313	1.83½	1	216	216	396	396	0.69	574	3527
313	4.26½	3	616	205	2,614	871	1.97	1,328	3528
313	1.75	1	312	312	544	544	1.00	546	3529
313	1.77½	1	211	211	374	374	0.67	555	3530
313	1.66⅔	1	279	279	465	465	0.89	522	3531
313	1.66⅔	1	307	307	512	512	0.98	522	3532
313	3.00	1	306	306	918	918	0.98	939	3533
260	2.08	5	718	144	1,494	299	2.76	541	3534
313	1.96	1	307	307	601	601	0.98	613	3535
286	4.00	16	2,777	174	11,128	696	9.71	1,146	3536
286	4.00	16	2,825	177	11,302	706	9.88	1,144	3537
260	4.20½	26	2,723	105	11,456	441	10.46	1,094	3538
260	4.28½	46	4,233	92	18,146	394	16.28	1,115	3539
260	4.71	14	1,316	94	6,198	443	5.06	1,225	3540
260	4.60½	8	1,367	171	6,293	787	5.25	1,198	3541
260	3.00	14	1,455	104	4,363	312	5.61	780	3542
260	3.26	36	2,973	83	9,697	269	11.44	848	3543
260	4.06½	17	1,551	91	6,213	365	5.97	1,042	3544
260	3.28½	49	3,968	81	13,039	266	15.26	854	3545
313	3.77½	13	1,650	127	6,229	479	5.28	1,182	3546
260	4.02½	28	1,850	66	7,445	266	7.13	1,046	3547
313	3.74½	19	2,057	108	7,704	405	6.57	1,172	3548
313	4.11½	19	2,216	117	9,122	480	7.10	1,288	3549
313	4.25	35	2,624	75	11,151	319	8.38	1,330	3550
313	3.93	32	3,880	121	15,245	476	12.39	1,230	3551
260	4.63½	40	4,971	124	23,041	576	19.12	1,205	3552
313	1.29	9	1,293	144	1,668	185	4.13	404	3553
313	1.16½	21	2,790	133	3,237	154	8.91	363	3554
313	1.28½	12	1,117	93	1,436	120	3.57	402	3555
128	.95	7	625	89	594	85	4.88	122	3556
313	1.19½	36	5,106	142	6,100	169	16.31	374	3557
313	.82	13	2,528	194	2,072	159	8.08	257	3558
313	.90	9	1,090	121	979	109	3.48	281	3559

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
3560	18	Gatherers—concluded	Green glass bottles	United States
3561	19	do	Green glass bottles	United States
3562	22	do	Green glass bottles	United States
3563	23	do	Green glass bottles	United States
3564	24	do	Green glass bottles	United States
3565	25	do	Green glass bottles	United States
3566	26	do	Green glass bottles	United States
3567	28	do	Green glass bottles	United States
3568	11	do	Flint glass bottles	United States
3569	1	do	Lamp chimneys	United States
3570	2	do	Lamp chimneys	United States
3571	4	do	Lamp chimneys	United States
3572	5	do	Lamp chimneys	United States
3573		do	Lamp chimneys	United States
3574	37	Gatherer, boss	Window glass	United States
3575	18	Grinders	Green glass bottles	United States
3576	19	do	Green glass bottles	United States
3577	11	do	Flint glass bottles	United States
3578	2	do	Lamp chimneys	United States
3579	5	do	Lamp chimneys	United States
3580	2	Grinders' helpers	Lamp chimneys	United States
3581	5	do	Lamp chimneys	United States
3582	17	Inspectors	Green glass bottles	United States
3583	19	do	Green glass bottles	United States
3584	19	Jar trimmer	Green glass bottles	United States
3585	3	Knockers-off	Flint glass bottles	United States
3586	1	do	Lamp chimneys	United States
3587	2	do	Lamp chimneys	United States
3588	2	Laborers	Window glass	United States
3589	3	do	Window glass	United States
3590	6	do	Window glass	United States
3591	9	do	Window glass	United States
3592	10	do	Window glass	United States
3593	16	do	Window glass	United States
3594	20	do	Window glass	United States
3595	23	do	Window glass	United States
3596	25	do	Window glass	United States
3597	30	do	Window glass	United States
3598	32	do	Window glass	United States
3599	34	do	Window glass	United States
3600	35	do	Window glass	United States
3601	36	do	Window glass	United States
3602	37	do	Window glass	United States
3603	38	do	Window glass	Continent of Europe
3604	6	do	Green glass bottles	United States
3605	8	do	Green glass bottles	United States
3606	9	do	Green glass bottles	United States
3607	15	do	Green glass bottles	United States
3608	16	do	Green glass bottles	United States
3609	17	do	Green glass bottles	United States
3610	18	do	Green glass bottles	United States
3611	19	do	Green glass bottles	United States
3612	22	do	Green glass bottles	United States
3613	23	do	Green glass bottles	United States
3614	24	do	Green glass bottles	United States
3615	25	do	Green glass bottles	United States
3616	26	do	Green glass bottles	United States
3617	28	do	Green glass bottles	United States
3618	3	do	Flint glass bottles	United States
3619	5	do	Flint glass bottles	United States
3620	6	do	Flint glass bottles	United States
3621	11	do	Flint glass bottles	United States
3622	1	do	Lamp chimneys	United States
3623	2	do	Lamp chimneys	United States
3624	4	do	Lamp chimneys	United States
3625	5	do	Lamp chimneys	United States

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$1.25	8	1,195	149	$1,495	$187	3.82	$392	3560
313	1.50	22	2,220	101	3,330	151	7.09	470	3561
313	1.25	13	789	61	987	76	2.52	392	3562
313	1.33	8	1,224	153	1,629	204	3.91	417	3563
313	1.25	13	2,131	164	2,662	205	6.81	391	3564
313	1.29	22	2,099	95	2,711	123	6.71	404	3565
313	1.25	7	683	98	851	122	2.18	390	3566
90	1.10	7	338	48	371	53	3.76	99	3567
313	1.29½	1	112	112	145	145	0.36	405	3568
286	1.75	20	2,514	126	4,389	219	8.79	499	3569
286	1.75	25	2,776	111	4,840	194	9.71	499	3570
286	2.07½	85	6,936	82	14,401	169	24.26	594	3571
313	2.04½	161	10,639	66	21,760	135	33.99	640	3572
313	1.75	93	8,364	90	14,636	157	26.72	548	3573
260	7.57	1	183	183	1,385	1,385	0.70	1,968	3574
313	2.05	1	165	165	338	338	0.53	641	3575
313	1.50	1	276	276	414	414	0.88	470	3576
313	2.32½	1	229	229	532	532	0.73	727	3577
313	2.83½	1	190	190	539	539	0.61	888	3578
313	3.66½	1	264	264	968	968	0.84	1,148	3579
313	.33½	1	190	190	64	64	0.61	105	3580
313	.66½	4	1,188	297	793	198	3.80	209	3581
313	1.35½	1	175	175	237	237	0.56	424	3582
313	2.40½	1	313	313	753	753	1.00	753	3583
313	3.00	1	68	68	204	204	0.22	939	3584
313	.54½	18	2,663	148	1,446	80	8.51	170	3585
286	.73½	27	1,996	74	1,465	54	6.98	210	3586
286	.77½	39	3,437	88	2,667	68	12.02	222	3587
313	1.54½	26	1,531	59	2,362	91	4.90	483	3588
313	1.35	7	747	107	1,008	144	2.39	422	3589
313	1.29	13	592	46	764	59	1.89	404	3590
313	1.25	7	669	96	836	119	2.14	391	3591
313	1.27	8	169	21	215	27	0.54	398	3592
313	1.50	22	1,624	74	2,438	111	5.19	470	3593
313	1.33½	11	1,321	120	1,502	137	4.22	356	3594
313	1.36½	15	1,871	125	2,558	171	5.98	428	3595
313	1.56½	27	919	34	1,439	53	2.95	490	3596
313	1.27	11	168	15	213	19	0.53	397	3597
313	1.49	25	354	14	527	21	1.13	466	3598
313	1.50	4	822	206	1,234	309	2.63	470	3599
313	1.50	2	398	199	596	298	1.27	469	3600
313	1.45½	6	154	26	224	37	0.49	455	3601
313	1.50	14	1,919	137	2,894	207	6.13	472	3602
313	.40½	6	1,719	287	697	116	5.49	127	3603
313	1.59	44	2,036	46	3,234	74	6.51	497	3604
313	1.27½	63	6,362	101	8,101	129	20.33	399	3605
128	1.30	12	773	64	1,006	84	6.04	167	3606
313	1.49	32	4,035	126	6,020	188	12.88	467	3607
313	1.40½	28	2,305	82	3,237	116	7.36	440	3608
313	1.32½	12	731	61	970	81	2.34	415	3609
313	1.25	10	448	45	570	57	1.43	398	3610
313	1.44	41	2,994	73	4,316	105	9.57	451	3611
313	1.56	5	437	87	681	136	1.40	488	3612
313	1.40	52	2,028	39	2,838	55	6.48	438	3613
313	1.45½	20	2,116	106	3,075	154	6.76	455	3614
313	1.40½	25	2,048	82	2,873	115	6.54	439	3615
313	1.47	23	1,132	49	1,665	72	3.62	460	3616
90	1.24½	14	547	39	682	49	6.08	112	3617
313	1.50	13	1,716	132	2,570	198	5.48	469	3618
313	1.25	12	1,426	119	1,780	148	4.56	391	3619
313	1.10	11	385	35	430	39	1.23	350	3620
313	1.36	10	648	65	881	88	2.07	426	3621
313	1.66½	1	9	9	15	15	0.03	522	3622
313	1.00	3	263	88	266	89	0.84	317	3623
313	.69	28	1,676	60	1,156	41	5.36	216	3624
313	1.52	18	816	45	1,242	69	2.61	476	3625

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
3626	———	Laborers—concluded	Lamp chimneys	United States
3627	3	Laborer and layer-out	Window glass	United States
3628	10	Laborers and master teasers	Window glass	United States
3629	23	do	Green glass bottles	United States
3630	3	Laborers and mixers	Window glass	United States
3631	23	do	Green glass bottles	United States
3632	3	Laborer and mixers' helper	Window glass	United States
3633	3	Laborer and pot-shell picker	Window glass	United States
3634	3	Laborers and teasers	Window glass	United States
3635	2	Layers-in	Window glass	United States
3636	3	do	Window glass	United States
3637	6	do	Window glass	United States
3638	9	do	Window glass	United States
3639	16	do	Window glass	United States
3640	25	do	Window glass	United States
3641	30	do	Window glass	United States
3642	35	do	Window glass	United States
3643	37	do	Window glass	United States
3644	38	do	Window glass	Continent of Europe
3645	32	Layers in and layers-out	Window glass	United States
3646	34	do	Window glass	United States
3647	2	Layers-out	Window glass	United States
3648	3	do	Window glass	United States
3649	9	do	Window glass	United States
3650	16	do	Window glass	United States
3651	36	do	Window glass	United States
3652	37	do	Window glass	United States
3653	38	do	Window glass	Continent of Europe
3654	6	Layers-up	Green glass bottles	United States
3655	9	do	Green glass bottles	United States
3656	15	do	Green glass bottles	United States
3657	16	do	Green glass bottles	United States
3658	17	do	Green glass bottles	United States
3659	18	do	Green glass bottles	United States
3660	19	do	Green glass bottles	United States
3661	22	do	Green glass bottles	United States
3662	23	do	Green glass bottles	United States
3663	24	do	Green glass bottles	United States
3664	25	do	Green glass bottles	United States
3665	28	do	Green glass bottles	United States
3666	5	Lead burners	Lamp chimneys	United States
3667	2	Leersmen	Window glass	United States
3668	3	do	Window glass	United States
3669	6	do	Window glass	United States
3670	9	do	Window glass	United States
3671	20	do	Window glass	United States
3672	23	do	Window glass	United States
3673	25	do	Window glass	United States
3674	30	do	Window glass	United States
3675	32	do	Window glass	United States
3676	35	do	Window glass	United States
3677	36	do	Window glass	United States
3678	37	do	Window glass	United States
3679	38	do	Window glass	Continent of Europe
3680	16	do	Green glass bottles	United States
3681	22	do	Green glass bottles	United States
3682	3	do	Flint glass bottles	United States
3683	5	do	Flint glass bottles	United States
3684	6	do	Flint glass bottles	United States
3685	11	do	Flint glass bottles	United States
3686	1	do	Lamp chimneys	United States
3687	2	do	Lamp chimneys	United States
3688	4	do	Lamp chimneys	United States
3689	5	do	Lamp chimneys	United States
3690	———	do	Lamp chimneys	United States
3691	34	Leersmen and takers-off	Window glass	United States

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$1.42	16	352	22	$500	$31	1.13	$445	3626
313	1.63	1	207	207	337	337	0.66	510	3627
313	2.18½	1	141	141	308	308	0.45	684	3628
365	2.18	1	319	319	696	696	0.87	796	3629
313	2.14½	1	205	205	440	440	0.65	672	3630
313	1.54	1	130	130	200	200	0.42	482	3631
313	1.51	1	223	223	337	337	0.71	473	3632
313	1.88½	1	87	87	164	164	0.28	590	3633
365	1.62½	3	603	201	981	327	1.65	594	3634
260	1.65	4	682	171	1,125	281	2.62	429	3635
313	2.60	2	444	222	1,154	577	1.42	814	3636
260	1.92½	2	431	216	830	415	1.66	501	3637
260	1.80	1	165	165	298	298	0.63	470	3638
313	1.66⅔	2	432	216	720	360	1.38	522	3639
313	2.26	2	367	184	829	415	1.17	707	3640
313	1.50	5	531	106	795	159	1.70	469	3641
313	2.18½	3	657	219	1,435	478	2.10	684	3642
313	2.42	4	872	218	2,109	527	2.79	757	3643
313	.23	1	300	300	69	69	0.96	72	3644
313	1.83½	4	630	158	1,156	289	2.01	574	3645
313	2.72½	2	444	222	1,211	606	1.42	854	3646
260	2.10½	2	214	107	451	226	0.83	548	3647
313	2.08½	4	828	207	1,724	431	2.65	652	3648
260	1.71½	1	207	207	355	355	0.80	446	3649
313	1.86½	2	365	183	680	340	1.17	583	3650
313	2.18½	8	995	124	2,172	272	3.18	683	3651
313	2.36	3	433	144	1,021	340	1.38	738	3652
313	.44	1	313	313	138	138	1.00	138	3653
313	.92½	6	999	167	926	154	3.19	290	3654
128	1.39	6	476	79	661	110	3.72	178	3655
313	1.50	8	1,869	234	2,827	353	5.97	473	3656
313	1.42½	9	1,891	210	2,694	299	6.04	446	3657
313	.97½	5	623	125	608	122	1.99	305	3658
313	1.00	5	799	160	798	160	2.55	313	3659
313	1.00	8	1,021	128	1,021	128	3.26	313	3660
313	1.66½	2	296	148	493	247	0.95	521	3661
313	1.27	10	829	83	1,052	105	2.65	397	3662
313	1.03	8	1,536	192	1,583	198	4.91	323	3663
313	1.23½	10	1,449	145	1,789	179	4.64	386	3664
90	1.25½	4	257	64	323	81	2.86	113	3665
313	2.50	2	522	261	1,304	652	1.67	782	3666
313	1.73	8	945	118	1,634	204	3.02	541	3667
313	2.05	5	898	180	1,839	368	2.87	641	3668
313	1.50	2	418	209	623	312	1.34	467	3669
260	1.96½	2	367	184	721	361	1.41	511	3670
365	1.15	2	467	234	538	269	1.28	420	3671
365	1.16½	4	979	245	1,148	287	2.68	428	3672
313	1.91	6	492	82	940	157	1.57	598	3673
313	1.50	4	238	60	358	90	0.76	471	3674
313	1.98½	4	614	154	1,219	305	1.96	621	3675
313	2.41½	2	441	221	1,066	533	1.41	757	3676
313	2.02	4	772	193	1,561	390	2.47	633	3677
313	1.96½	6	1,127	188	2,213	369	3.60	615	3678
313	.26½	1	313	313	83	83	1.00	83	3679
313	1.50	4	986	247	1,479	370	3.15	470	3680
313	1.25	1	192	192	240	240	0.61	391	3681
313	1.50	1	216	216	324	324	0.69	470	3682
313	1.18½	4	947	237	1,121	280	3.02	371	3683
313	1.33½	2	425	213	566	283	1.36	417	3684
313	1.93½	1	235	235	455	455	0.75	606	3685
313	3.00	1	306	306	918	918	0.98	939	3686
313	1.66½	1	285	285	472	472	0.91	518	3687
313	1.66½	4	365	91	609	152	1.17	522	3688
313	2.00	2	298	149	595	298	0.95	625	3689
313	1.41	4	626	157	883	221	2.00	442	3690
313	2.02½	2	444	222	898	449	1.42	633	3691

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
3692	4	Leersman and watchman	Lamp chimneys	United States
3693	3	Leersmen's helpers	Window glass	United States
3694	5	do	Flint glass bottles	United States
3695	6	do	Flint glass bottles	United States
3696	1	do	Lamp chimneys	United States
3697	2	do	Lamp chimneys	United States
3698	15	Machinists	Green glass bottles	United States
3699		do	Lamp chimneys	United States
3700	2	Masons	Window glass	United States
3701	20	do	Window glass	United States
3702	23	do	Window glass	United States
3703	25	do	Window glass	United States
3704	34	do	Window glass	United States
3705	15	do	Green glass bottles	United States
3706	15	Masons' helpers	Green glass bottles	United States
3707	2	Master teasers	Window glass	United States
3708	3	do	Window glass	United States
3709	6	do	Window glass	United States
3710	9	do	Window glass	United States
3711	10	do	Window glass	United States
3712	16	do	Window glass	United States
3713	20	do	Window glass	United States
3714	23	do	Window glass	United States
3715	25	do	Window glass	United States
3716	30	do	Window glass	United States
3717	32	do	Window glass	United States
3718	34	do	Window glass	United States
3719	35	do	Window glass	United States
3720	36	do	Window glass	United States
3721	37	do	Window glass	United States
3722	38	do	Window glass	Continent of Europe
3723	6	do	Green glass bottles	United States
3724	8	do	Green glass bottles	United States
3725	9	do	Green glass bottles	United States
3726	15	do	Green glass bottles	United States
3727	16	do	Green glass bottles	United States
3728	17	do	Green glass bottles	United States
3729	18	do	Green glass bottles	United States
3730	19	do	Green glass bottles	United States
3731	24	do	Green glass bottles	United States
3732	26	do	Green glass bottles	United States
3733	28	do	Green glass bottles	United States
3734	2	Mixers	Window glass	United States
3735	3	do	Window glass	United States
3736	6	do	Window glass	United States
3737	9	do	Window glass	United States
3738	10	do	Window glass	United States
3739	16	do	Window glass	United States
3740	20	do	Window glass	United States
3741	23	do	Window glass	United States
3742	25	do	Window glass	United States
3743	30	do	Window glass	United States
3744	32	do	Window glass	United States
3745	34	do	Window glass	United States
3746	35	do	Window glass	United States
3747	36	do	Window glass	United States
3748	37	do	Window glass	United States
3749	38	do	Window glass	Continent of Europe
3750	6	do	Green glass bottles	United States
3751	8	do	Green glass bottles	United States
3752	9	do	Green glass bottles	United States
3753	15	do	Green glass bottles	United States
3754	16	do	Green glass bottles	United States
3755	17	do	Green glass bottles	United States
3756	18	do	Green glass bottles	United States
3757	19	do	Green glass bottles	United States

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
365	$1.66⅔	1	225	225	$374	$374	0.62	$607	3692
313	1.00	1	230	230	230	230	0.73	313	3693
313	.45	2	174	87	79	40	0.56	142	3694
313	.50	2	143	72	71	36	0.46	155	3695
313	1.00	3	553	184	553	184	1.77	313	3696
313	1.25	1	73	73	91	91	0.23	390	3697
313	2.81½	2	441	221	1,241	621	1.41	881	3698
313	2.33½	1	6	6	14	14	0.02	730	3699
313	2.59½	4	27	7	70	18	0.09	811	3700
313	2.36½	1	11	11	26	26	0.04	740	3701
313	3.50	1	37	37	128	128	0.12	1,083	3702
313	4.50	3	98	33	441	147	0.31	1,409	3703
313	4.00	1	47	47	188	188	0.15	1,252	3704
313	2.50	2	360	180	899	450	1.15	782	3705
313	1.64½	2	442	221	727	364	1.41	515	3706
260	4.26½	2	216	108	921	461	0.83	1,109	3707
260	5.06½	3	407	136	2,061	687	1.56	1,317	3708
260	5.81½	1	215	215	1,250	1,250	0.83	1,512	3709
260	3.03	1	233	233	706	706	0.90	788	3710
260	4.00	2	79	40	315	158	0.30	1,037	3711
313	4.79	4	314	79	1,503	376	1.00	1,498	3712
365	3.62	1	230	230	836	836	0.63	1,327	3713
365	3.94½	2	359	180	1,416	708	0.99	1,440	3714
313	2.64	1	282	282	745	745	0.90	827	3715
365	3.47	1	299	299	1,038	1,038	0.82	1,267	3716
313	5.00	1	221	221	1,105	1,105	0.71	1,565	3717
313	3.78½	1	222	222	840	840	0.71	1,184	3718
313	3.91	1	265	265	1,037	1,037	0.85	1,225	3719
365	3.29	1	303	303	1,000	1,000	0.83	1,205	3720
260	4.45½	3	575	192	2,562	854	2.21	1,158	3721
313	1.16	1	253	253	293	293	0.81	362	3722
313	3.09	2	357	179	1,104	552	1.14	968	3723
313	3.12	4	657	164	2,050	513	2.09	977	3724
128	3.45⅝	1	125	125	432	432	0.98	442	3725
365	2.84⅓	2	651	326	1,852	926	1.78	1,038	3726
365	2.30½	3	749	250	1,727	576	2.05	842	3727
365	2.52	1	201	201	507	507	0.55	921	3728
313	3.33⅓	2	189	95	627	314	0.60	1,038	2729
313	3.83⅓	1	313	313	1,200	1,200	1.00	1,200	3730
313	3.58	1	201	201	720	720	0.64	1,121	3731
313	2.50	1	252	252	630	630	0.81	783	3732
105	3.16⅔	1	108	108	342	342	1.03	333	3733
313	2.74	1	220	220	603	603	0.70	858	3734
260	2.61	1	187	187	488	488	0.72	679	3735
313	1.55	2	541	271	839	420	1.73	485	3736
313	1.83½	2	414	207	759	380	1.32	574	3737
313	1.30	1	54	54	69	69	0.17	400	3738
313	1.66⅔	2	432	216	720	360	1.38	522	3739
313	1.53⅛	1	90	90	137	137	0.29	476	3740
313	1.55½	3	737	246	1,142	381	2.35	485	3741
313	2.21	1	248	248	548	548	0.79	692	3742
313	1.61⅓	1	153	153	247	247	0.49	505	3743
313	2.04	1	228	228	465	465	0.73	638	3744
313	2.28½	1	222	222	507	507	0.71	715	3745
313	2.58½	1	218	218	563	563	0.70	808	3746
313	2.27½	3	623	208	1,416	472	1.99	711	3747
313	2.32	3	663	221	1,538	513	2.12	726	3748
313	.64⅓	1	313	313	202	202	1.00	202	3749
313	1.69½	1	314	314	532	532	1.00	530	3750
313	1.60	2	495	248	793	397	1.58	501	3751
128	1.66½	1	128	128	212	212	1.00	212	3752
313	1.78	8	1,575	197	2,807	351	5.03	558	3753
313	2.12	1	305	305	647	647	0.97	664	3754
313	1.50	2	335	168	502	251	1.07	469	3755
313	1.75	3	311	104	542	181	0.99	545	3756
313	2.61½	1	267	267	698	698	0.85	818	3757

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
3758	22	Mixers—concluded	Green glass bottles	United States
3759	23	....do	Green glass bottles	United States
3760	24	....do	Green glass bottles	United States
3761	26	....do	Green glass bottles	United States
3762	28	....do	Green glass bottles	United States
3763	3	....do	Flint glass bottles	United States
3764	5	....do	Flint glass bottles	United States
3765	6	....do	Flint glass bottles	United States
3766	11	....do	Flint glass bottles	United States
3767	1	....do	Lamp chimneys	United States
3768	2	....do	Lamp chimneys	United States
3769	4	....do	Lamp chimneys	United States
3770	5	....do	Lamp chimneys	United States
3771		....do	Lamp chimneys	United States
3772	18	Mixer and teaser	Green glass bottles	United States
3773	3	Mixers' helpers	Window glass	United States
3774	6	....do	Green glass bottles	United States
3775	8	....do	Green glass bottles	United States
3776	16	....do	Green glass bottles	United States
3777	19	....do	Green glass bottles	United States
3778	3	....do	Flint glass bottles	United States
3779	4	....do	Lamp chimneys	United States
3780	5	....do	Lamp chimneys	United States
3781	3	Mixers' helper and teaser	Window glass	United States
3782	15	Mould boys	Green glass bottles	United States
3783	19	....do	Green glass bottles	United States
3784	22	....do	Green glass bottles	United States
3785	23	....do	Green glass bottles	United States
3786	25	....do	Green glass bottles	United States
3787	28	....do	Green glass bottles	United States
3788	3	....do	Flint glass bottles	United States
3789	5	....do	Flint glass bottles	United States
3790	6	....do	Flint glass bottles	United States
3791	1	....do	Lamp chimneys	United States
3792	5	....do	Lamp chimneys	United States
3793	15	Mould cleaners	Green glass bottles	United States
3794	5	....do	Flint glass bottles	United States
3795	6	....do	Flint glass bottles	United States
3796	2	Mould holders	Lamp chimneys	United States
3797	16	Mould makers	Green glass bottles	United States
3798	16	Mould makers' helper	Green glass bottles	United States
3799	16	Mouldmen	Green glass bottles	United States
3800	25	....do	Green glass bottles	United States
3801	2	Packers	Window glass	United States
3802	3	....do	Window glass	United States
3803	6	....do	Window glass	United States
3804	9	....do	Window glass	United States
3805	10	....do	Window glass	United States
3806	16	....do	Window glass	United States
3807	20	....do	Window glass	United States
3808	23	....do	Window glass	United States
3809	30	....do	Window glass	United States
3810	32	....do	Window glass	United States
3811	34	....do	Window glass	United States
3812	35	....do	Window glass	United States
3813	36	....do	Window glass	United States
3814	37	....do	Window glass	United States
3815	38	....do	Window glass	Continent of Europe
3816	6	....do	Green glass bottles	United States
3817	8	....do	Green glass bottles	United States
3818	9	....do	Green glass bottles	United States
3819	15	....do	Green glass bottles	United States
3820	16	....do	Green glass bottles	United States
3821	17	....do	Green glass bottles	United States
3822	18	....do	Green glass bottles	United States
3823	19	....do	Green glass bottles	United States

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$1.66½	1	189	189	$315	$315	0.60	$522	3758
313	1.68	2	448	224	752	376	1.43	525	3759
313	2.55	1	209	209	533	533	0.67	798	3760
313	1.83½	3	291	97	536	179	0.93	577	3761
90	1.54	1	89	89	137	137	0.99	139	3762
313	1.75	1	268	268	482	482	0.86	563	3763
313	1.39	4	1,121	280	1,558	390	3.58	435	3764
313	1.28	6	453	76	579	97	1.44	400	3765
313	1.83½	6	651	109	1,193	199	2.08	574	3766
313	1.66½	3	595	198	999	333	1.90	526	3767
313	1.55	5	372	74	576	115	1.18	485	3768
313	2.16½	1	171	171	375	375	0.55	686	3769
313	3.33⅓	1	312	312	1,040	1,040	1.00	1,043	3770
313	1.88½	2	396	198	747	374	1.27	590	3771
365	1.62	1	144	144	233	233	0.39	591	3772
260	2.27	1	129	129	293	293	0.50	591	3773
313	1.50	1	274	274	413	413	0.88	473	3774
313	1.05	1	235	235	247	247	0.75	329	3775
313	1.75	2	610	305	1,086	543	1.95	557	3776
313	1.50	1	258	258	387	387	0.82	470	3777
313	1.50	2	427	214	640	320	1.36	469	3778
313	1.83½	1	198	198	363	363	0.63	574	3779
313	1.66½	1	273	273	455	455	0.87	522	3780
365	2.01	1	246	246	495	495	0.67	734	3781
313	.50	51	5,286	104	2,673	52	16.89	158	3782
313	.79½	6	1,215	203	966	161	3.88	249	3783
313	.60	5	680	136	409	82	2.17	188	3784
313	.50	3	299	100	151	50	0.96	158	3785
313	.66½	17	1,439	85	970	57	4.60	211	3786
90	.79½	2	39	20	31	16	0.43	72	3787
313	.55	15	2,231	149	1,229	82	7.13	172	3788
313	.60	36	3,904	108	2,342	65	12.47	188	3789
313	.55	17	1,385	81	739	43	4.42	167	3790
286	.89	3	609	203	541	180	2.13	254	3791
313	.81½	13	623	48	507	39	1.99	255	3792
313	1.70½	2	459	230	782	391	1.47	533	3793
313	1.50	2	514	257	771	386	1.64	470	3794
313	.89	1	202	202	180	180	0.65	278	3795
286	.94½	4	463	116	430	108	1.62	266	3796
313	2.82	2	314	157	886	443	1.00	883	3797
313	.95	1	255	255	242	242	0.81	297	3798
313	1.66½	1	295	295	493	493	0.94	523	3799
313	1.50	4	446	112	668	167	1.42	469	3800
313	3.46	1	210	210	727	727	0.67	1,084	3801
313	5.65½	1	234	234	1,323	1,323	0.75	1,770	3802
313	2.17½	1	254	254	553	553	0.81	681	3803
313	1.23	3	458	153	564	188	1.47	385	3804
313	1.44½	2	266	133	384	192	0.85	452	3805
313	1.86	2	432	216	804	402	1.38	583	3806
313	1.72½	1	224	224	389	389	0.72	544	3807
313	1.41½	3	699	233	990	330	2.23	443	3808
313	1.57½	2	276	138	435	218	0.88	493	3809
313	2.53½	1	300	300	761	761	0.96	794	3810
313	2.74⅓	1	222	222	609	609	0.71	859	3811
313	3.70	1	222	222	821	821	0.71	1,158	3812
313	1.66½	1	192	192	320	320	0.61	522	3813
313	2.72½	1	220	220	599	599	0.70	852	3814
313	.63	1	294	294	185	185	0.94	197	3815
313	1.78	1	249	249	443	443	0.80	557	3816
313	1.50	12	2,700	225	4,022	335	8.63	466	3817
128	1.33½	3	372	124	505	168	2.91	174	3818
313	1.85½	15	2,502	167	4,641	309	7.99	581	3819
313	1.63	8	2,201	275	3,586	448	7.03	510	3820
313	1.25	2	414	207	525	263	1.32	397	3821
313	1.48½	3	540	180	803	268	1.72	465	3822
313	1.50	3	668	223	1,003	334	2.13	470	3823

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
3824	22	Packers—concluded	Green glass bottles	United States
3825	23	....do	Green glass bottles	United States
3826	24	....do	Green glass bottles	United States
3827	25	....do	Green glass bottles	United States
3828	26	....do	Green glass bottles	United States
3829	28	....do	Green glass bottles	United States
3830	3	....do	Flint glass bottles	United States
3831	5	....do	Flint glass bottles	United States
3832	6	....do	Flint glass bottles	United States
3833	11	....do	Flint glass bottles	United States
3834	1	....do	Lamp chimneys	United States
3835	2	....do	Lamp chimneys	United States
3836	4	....do	Lamp chimneys	United States
3837	5	....do	Lamp chimneys	United States
3838		....do	Lamp chimneys	United States
3839	36	Packers, boss	Window glass	United States
3840	37	....do	Window glass	United States
3841	8	....do	Green glass bottles	United States
3842	9	....do	Green glass bottles	United States
3843	24	....do	Green glass bottles	United States
3844	25	....do	Green glass bottles	United States
3845	26	....do	Green glass bottles	United States
3846	5	....do	Flint glass bottles	United States
3847	11	....do	Flint glass bottles	United States
3848	38	Packers' helper	Window glass	Continent of Europe
3849	2	Potmakers	Window glass	United States
3850	3	....do	Window glass	United States
3851	6	....do	Window glass	United States
3852	9	....do	Window glass	United States
3853	16	....do	Window glass	United States
3854	23	....do	Window glass	United States
3855	25	....do	Window glass	United States
3856	32	....do	Window glass	United States
3857	34	....do	Window glass	United States
3858	36	....do	Window glass	United States
3859	37	....do	Window glass	United States
3860	38	....do	Window glass	Continent of Europe
3861	15	....do	Green glass bottles	United States
3862	16	....do	Green glass bottles	United States
3863	23	....do	Green glass bottles	United States
3864	24	....do	Green glass bottles	United States
3865	1	....do	Lamp chimneys	United States
3866	2	....do	Lamp chimneys	United States
3867	2	Potmakers' helpers	Window glass	United States
3868	3	....do	Window glass	United States
3869	6	....do	Window glass	United States
3870	36	....do	Window glass	United States
3871	37	....do	Window glass	United States
3872	16	....do	Green glass bottles	United States
3873	23	....do	Green glass bottles	United States
3874	24	....do	Green glass bottles	United States
3875	3	Pot-shell pickers	Window glass	United States
3876	6	....do	Window glass	United States
3877	23	....do	Window glass	United States
3878	25	....do	Window glass	United States
3879	34	....do	Window glass	United States
3880	37	....do	Window glass	United States
3881	16	....do	Green glass bottles	United States
3882	15	Pressmen	Green glass bottles	United States
3883	15	Pressmen's apprentices	Green glass bottles	United States
3884	38	Refiner	Window glass	Continent of Europe
3885	25	Ring boys	Green glass bottles	United States
3886	2	Roller boys	Window glass	United States
3887	3	....do	Window glass	United States

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS—Continued.

tion Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$1.66½	4	327	82	$544	$136	1.04	$521	3824
313	1.71½	7	1,179	168	2,020	289	3.77	536	3825
313	2.38½	4	794	199	1,892	473	2.54	746	3826
313	2.11	3	723	241	1,526	509	2.31	661	3827
313	1.84	7	589	84	1,083	155	1.88	576	3828
90	1.44½	4	251	63	363	91	2.78	130	3829
313	1.63	6	1,359	227	2,218	370	4.35	511	3830
313	1.45	6	1,569	262	2,273	379	5.02	453	3831
313	1.35½	5	708	142	958	192	2.26	424	3832
313	1.32	9	1,068	119	1,411	157	3.42	414	3833
313	1.72	7	1,302	186	2,237	320	4.16	538	3834
313	1.69	8	1,480	185	2,498	312	4.72	528	3835
313	2.82	6	746	124	2,105	351	2.38	883	3836
313	2.55	5	856	171	2,184	437	2.74	799	3837
313	(a)	18	(a)	(a)	2,888	160	(a)	(a)	3838
313	3.78½	1	192	192	727	727	0.61	1,185	3839
313	4.85	1	223	223	1,081	1,081	0.71	1,517	3840
313	1.60	1	298	298	480	480	0.95	504	3841
128	1.66½	1	124	124	208	208	0.97	215	3842
313	3.66½	1	190	190	697	697	0.61	1,148	3843
313	3.00	2	241	121	723	362	0.77	939	3844
313	3.62½	1	239	239	866	866	0.76	1,134	3845
313	2.66½	1	266	266	710	710	0.85	835	3846
313	2.25	1	270	270	607	607	0.86	704	3847
313	.30	1	313	313	94	94	1.00	94	3848
313	3.81	1	223	223	850	850	0.71	1,193	3849
313	3.83½	1	313	313	1,200	1,200	1.00	1,200	3850
313	1.86½	1	292	292	544	544	0.93	583	3851
313	2.33½	1	309	309	721	721	0.99	730	3852
313	3.33½	1	216	216	720	720	0.69	1,043	3853
313	3.27½	1	310	310	1,015	1,015	0.99	1,025	3854
313	2.50	1	90	90	225	225	0.29	783	3855
313	2.50	1	358	358	895	895	1.14	783	3856
313	3.06½	1	313	313	960	960	1.00	960	3857
313	3.66½	1	250	250	917	917	0.80	1,148	3858
313	3.83½	1	313	313	1,200	1,200	1.00	1,200	3859
313	.81½	1	235	235	191	191	0.75	254	3860
313	3.42½	2	195	98	668	334	0.63	1,072	3861
313	2.18½	1	228	228	496	496	0.73	681	3862
313	3.15½	1	289	289	912	912	0.92	988	3863
313	1.66½	1	284	284	472	472	0.91	520	3864
313	2.50	1	312	312	780	780	1.00	783	3865
313	2.50	1	270	270	675	675	0.86	783	3866
313	1.81	7	867	124	1,569	224	2.76	566	3867
313	1.50	1	296	296	443	443	0.95	468	3868
313	1.33½	1	273	273	365	365	0.87	418	3869
313	1.58	3	431	144	680	227	1.37	494	3870
313	1.66½	2	626	313	1,041	521	2.00	521	3871
313	1.66½	1	322	322	540	540	1.03	525	3872
313	1.58½	3	539	180	855	285	1.72	497	3873
313	1.50	3	458	153	686	229	1.46	469	3874
313	2.74	2	522	261	1,431	716	1.67	858	3875
313	1.33½	1	293	293	391	391	0.94	418	3876
313	1.23⅓	2	257	129	317	159	0.82	386	3877
313	1.54	1	144	144	222	222	0.46	483	3878
313	1.33	1	267	267	355	355	0.85	416	3879
313	1.33½	1	265	265	353	353	0.85	417	3880
313	1.50	2	231	116	346	173	0.74	469	3881
313	2.17½	13	2,657	204	5,775	444	8.48	680	3882
313	1.59⅓	8	1,318	165	2,103	263	4.21	499	3883
313	1.26	1	253	253	319	319	0.81	395	3884
313	.66⅔	3	314	105	209	70	1.00	208	3885
260	1.05⅓	8	294	37	310	39	1.12	274	3886
260	1.71	5	389	78	665	133	1.50	444	3887

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
3888	6	Roller boys—concluded	Window glass	United States
3889	30	....do	Window glass	United States
3890	36	....do	Window glass	United States
3891	37	....do	Window glass	United States
3892	35	Roller boys and roller carriers	Window glass	United States
3893	2	Roller carriers	Window glass	United States
3894	3	....do	Window glass	United States
3895	9	....do	Window glass	United States
3896	20	....do	Window glass	United States
3897	23	....do	Window glass	United States
3898	30	....do	Window glass	United States
3899	32	....do	Window glass	United States
3900	34	....do	Window glass	United States
3901	37	....do	Window glass	United States
3902	1	Roughers	Lamp chimneys	United States
3903	23	Sand burners	Window glass	United States
3904	37	....do	Window glass	United States
3905	15	Screwmakers	Green glass bottles	United States
3906	——	Shipper	Lamp chimneys	United States
3907	——	Shipper's helper	Lamp chimneys	United States
3908	10	Shipping clerks	Window glass	United States
3909	16	....do	Window glass	United States
3910	16	....do	Green glass bottles	United States
3911	3	....do	Flint glass bottles	United States
3912	5	....do	Flint glass bottles	United States
3913	5	....do	Lamp chimneys	United States
3914	——	....do	Lamp chimneys	United States
3915	20	Shovers-in	Window glass	United States
3916	23	....do	Window glass	United States
3917	17	....do	Green glass bottles	United States
3918	2	Snappers	Window glass	United States
3919	3	....do	Window glass	United States
3920	6	....do	Window glass	United States
3921	9	....do	Window glass	United States
3922	10	....do	Window glass	United States
3923	16	....do	Window glass	United States
3924	25	....do	Window glass	United States
3925	30	....do	Window glass	United States
3926	32	....do	Window glass	United States
3927	34	....do	Window glass	United States
3928	35	....do	Window glass	United States
3929	36	....do	Window glass	United States
3930	37	....do	Window glass	United States
3931	8	Snappers-up	Green glass bottles	United States
3932	9	....do	Green glass bottles	United States
3933	16	....do	Green glass bottles	United States
3934	22	....do	Green glass bottles	United States
3935	23	....do	Green glass bottles	United States
3936	26	....do	Green glass bottles	United States
3937	28	....do	Green glass bottles	United States
3938	3	....do	Flint glass bottles	United States
3939	5	....do	Flint glass bottles	United States
3940	6	....do	Flint glass bottles	United States
3941	15	Sorters	Green glass bottles	United States
3942	18	....do	Green glass bottles	United States
3943	4	....do	Lamp chimneys	United States
3944	5	....do	Lamp chimneys	United States
3945	——	....do	Lamp chimneys	United States
3946	4	Sorters' helpers	Lamp chimneys	United States
3947	5	....do	Lamp chimneys	United States
3948	——	....do	Lamp chimneys	United States
3949	1	Stickers-up	Lamp chimneys	United States
3950	2	....do	Lamp chimneys	United States
3951	22	Stopper adjusters	Green glass bottles	United States

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
260	$0.82	3	139	46	$114	$38	0.53	$213	3888
260	.85	7	507	72	432	62	1.95	222	3889
313	1.05	2	386	193	405	203	1.23	328	3890
260	1.36	6	567	95	772	129	2.18	354	3891
313	1.75½	2	438	219	769	385	1.40	550	3892
260	.72	8	533	67	385	48	2.05	188	3893
260	1.13	10	541	54	612	61	2.08	294	3894
260	1.11	2	304	152	338	169	1.17	289	3895
260	.89	1	227	227	203	203	0.87	233	3896
260	1.23	5	551	110	679	136	2.12	320	3897
260	(a)	16	(a)	(a)	259	16	(a)	(a)	3898
313	1.28½	2	147	74	189	95	0.47	402	3899
313	1.37	2	444	222	608	304	1.42	429	3900
260	1.20	2	368	184	442	221	1.42	312	3901
313	3.99	2	269	135	1,073	537	0.86	1,249	3902
313	1.41	5	446	89	628	126	1.42	441	3903
313	2.01⅓	1	226	226	454	454	0.72	629	3904
313	.66⅔	29	4,383	151	2,922	101	14.00	209	3905
313	2.24	1	185	185	414	414	0.59	700	3906
313	1.37	1	256	256	351	351	0.82	429	3907
313	1.83⅓	1	282	282	517	517	0.90	574	3908
313	1.66⅔	1	222	222	370	370	0.71	522	3909
313	1.83½	1	307	307	563	563	0.98	574	3910
313	1.86	1	300	300	558	558	0.96	582	3911
313	1.31	2	246	123	322	161	0.78	410	3912
313	2.29½	2	605	303	1,388	694	1.94	718	3913
313	1.50	1	140	140	210	210	0.45	470	3914
313	.84	2	389	195	330	165	1.24	266	3915
365	.83½	5	912	182	776	155	2.50	311	3916
313	.83⅓	1	163	163	136	136	0.52	261	3917
260	1.44½	4	549	137	793	198	2.11	376	3918
260	.80	37	4,260	115	3,408	92	16.38	208	3919
260	.90	11	1,386	126	1,248	113	5.33	234	3920
260	1.18½	4	422	106	500	125	1.62	308	3921
260	1.00	13	1,380	106	1,380	106	5.31	260	3922
260	.75	33	2,623	79	1,967	60	10.09	195	3923
313	.99⅔	8	1,648	206	1,640	205	5.27	311	3924
260	.82½	26	2,254	87	1,855	71	8.66	214	3925
313	.74⅓	17	1,896	112	1,411	83	6.06	233	3926
313	.98⅓	10	2,220	222	2,183	218	7.09	308	3927
313	1.69⅔	5	657	131	1,115	223	2.10	531	3928
313	1.12	20	3,853	193	4,309	215	12.31	350	3929
260	2.12	9	1,117	124	2,368	263	4.29	551	3930
313	.50	121	14,545	120	7,346	61	46.47	158	3931
128	.51	16	1,389	87	711	44	10.85	66	3932
313	.50	90	8,349	93	4,238	47	26.67	159	3933
313	.51⅓	17	879	52	454	27	2.80	162	3934
313	.46⅔	114	5,089	45	2,354	21	16.26	145	3935
313	1.08⅓	4	669	167	725	181	2.14	339	3936
90	.51⅓	21	783	37	402	19	8.70	46	3937
313	.53⅓	18	2,529	141	1,356	75	8.08	168	3938
313	.45	30	2,306	77	1,037	35	7.37	141	3939
313	.40	21	981	47	407	19	3.13	130	3940
313	.55½	4	787	197	437	109	2.51	174	3941
313	2.00	1	144	144	284	284	0.46	617	3942
313	2.26⅔	1	240	240	543	543	0.77	708	3943
313	2.09⅓	2	516	258	1,080	540	1.65	655	3944
313	2.16⅔	1	80	80	173	173	0.26	677	3945
313	1.57	4	388	97	610	153	1.24	492	3946
313	.81½	17	1,027	60	835	49	3.29	254	3947
313	.84½	8	293	37	247	31	0.93	264	3948
286	1.63	19	2,928	154	3,019	159	10.24	295	3949
286	1.00	27	2,932	109	2,921	108	10.25	285	3950
313	1.83½	1	24	24	44	44	0.08	574	3951

a Paid by the quantity. The daily rate of pay and days of work done cannot be given.

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS—Continued.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those of another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
3952	23	Stopper adjusters—concluded.	Green glass bottles	United States
3953	10	Takers-off	Window glass	United States
3954	16	....do	Window glass	United States
3955	38	....do	Window glass	Continent of Europe
3956	17	....do	Green glass bottles	United States
3957	2	Teamsters	Window glass	United States
3958	9	....do	Window glass	United States
3959	10	....do	Window glass	United States
3960	16	....do	Window glass	United States
3961	20	....do	Window glass	United States
3962	23	....do	Window glass	United States
3963	25	....do	Window glass	United States
3964	32	....do	Window glass	United States
3965	34	....do	Window glass	United States
3966	36	....do	Window glass	United States
3967	37	....do	Window glass	United States
3968	38	....do	Window glass	Continent of Europe
3969	8	....do	Green glass bottles	United States
3970	9	....do	Green glass bottles	United States
3971	15	....do	Green glass bottles	United States
3972	16	....do	Green glass bottles	United States
3973	17	....do	Green glass bottles	United States
3974	22	....do	Green glass bottles	United States
3975	23	....do	Green glass bottles	United States
3976	24	....do	Green glass bottles	United States
3977	25	....do	Green glass bottles	United States
3978	3	....do	Flint glass bottles	United States
3979	1	....do	Lamp chimneys	United States
3980	2	....do	Lamp chimneys	United States
3981	4	....do	Lamp chimneys	United States
3982	2	Teasers	Window glass	United States
3983	3	....do	Window glass	United States
3984	6	....do	Window glass	United States
3985	9	....do	Window glass	United States
3986	10	....do	Window glass	United States
3987	16	....do	Window glass	United States
3988	20	....do	Window glass	United States
3989	23	....do	Window glass	United States
3990	25	....do	Window glass	United States
3991	30	....do	Window glass	United States
3992	32	....do	Window glass	United States
3993	34	....do	Window glass	United States
3994	35	....do	Window glass	United States
3995	36	....do	Window glass	United States
3996	37	....do	Window glass	United States
3997	38	....do	Window glass	Continent of Europe
3998	6	....do	Green glass bottles	United States
3999	8	....do	Green glass bottles	United States
4000	9	....do	Green glass bottles	United States
4001	15	....do	Green glass bottles	United States
4002	16	....do	Green glass bottles	United States
4003	17	....do	Green glass bottles	United States
4004	18	....do	Green glass bottles	United States
4005	19	....do	Green glass bottles	United States
4006	22	....do	Green glass bottles	United States
4007	23	....do	Green glass bottles	United States
4008	26	....do	Green glass bottles	United States
4009	28	....do	Green glass bottles	United States
4010	6	....do	Flint glass bottles	United States
4011	11	....do	Flint glass bottles	United States
4012	1	....do	Lamp chimneys	United States
4013	2	....do	Lamp chimneys	United States
4014	5	....do	Lamp chimneys	United States
4015	2	Teasers' helpers	Window glass	United States
4016	6	Ware hands	Green glass bottles	United States
4017	8	....do	Green glass bottles	United States

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Continued.

B.—GLASS—Continued.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
313	$2.60½	1	306	306	$797	$797	0.98	$815	3952
313	1.21	7	769	110	929	133	2.44	378	3953
313	1.70	2	448	224	762	381	1.43	532	3954
313	.34⅓	1	313	313	108	108	1.00	108	3955
313	.56	4	291	73	163	41	0.93	175	3956
313	1.72½	4	352	88	608	152	1.12	541	3957
313	1.66⅔	1	313	313	530	530	1.00	530	3958
313	1.30	2	162	81	211	106	0.52	408	3959
313	1.46½	1	200	200	293	293	0.64	459	3960
313	1.25	1	311	311	389	389	0.99	392	3961
313	1.83⅓	1	312	312	572	572	1.00	574	3962
313	1.80	2	212	106	382	191	0.67	564	3963
313	1.62	2	598	299	968	484	1.91	507	3964
313	2.00	1	290	290	580	580	0.93	626	3965
313	1.87½	2	571	286	1,072	536	1.83	588	3966
313	2.16⅔	2	547	274	1,189	595	1.75	680	3967
313	.79	1	313	313	248	248	1.00	248	3968
313	1.48⅓	3	372	124	552	184	1.18	464	3969
128	1.50	1	128	128	195	195	1.00	195	3970
313	1.83½	7	1,087	155	1,997	285	3.47	575	3971
313	1.91½	2	614	307	1,177	589	1.96	600	3972
313	1.44	2	377	189	542	271	1.20	450	3973
313	1.65	2	395	198	650	325	1.26	515	3974
313	1.82½	3	879	293	1,605	535	2.81	572	3975
313	2.00	1	312	312	624	624	1.00	626	3976
313	1.79	2	594	297	1,063	532	1.89	560	3977
313	2.50	1	313	313	783	783	1.00	783	3978
313	3.00	1	300	300	900	900	0.96	939	3979
313	2.00	1	256	256	511	511	0.82	625	3980
313	1.90	5	433	87	823	165	1.38	595	3981
260	2.37½	6	910	152	2,163	361	3.50	618	3982
365	1.80	7	1,076	154	1,936	277	2.95	657	3983
365	1.95½	3	524	175	1,024	341	1.43	713	3984
285	2.04	4	758	190	1,548	387	2.66	582	3985
313	1.45⅚	6	538	90	782	130	1.73	455	3986
313	1.79½	6	1,105	184	1,986	331	3.53	563	3987
365	1.20	4	911	228	1,092	273	2.50	438	3988
365	1.32½	15	2,619	175	3,467	231	7.18	483	3989
365	1.86	3	558	186	1,037	346	1.53	678	3990
260	2.30	4	865	216	1,988	497	3.32	598	3991
313	2.08½	4	713	178	1,487	372	2.28	653	3992
365	1.89	2	518	259	979	490	1.42	690	3993
365	2.10	2	519	260	1,090	545	1.42	767	3994
313	2.18⅓	8	616	77	1,345	168	1.97	683	3995
365	1.89	8	1,573	197	2,974	372	4.31	690	3996
313	.89⅓	1	189	189	169	169	0.60	280	3997
365	1.83⅓	8	1,028	129	1,887	236	2.82	670	3998
313	1.71	9	1,796	200	3,073	341	5.73	536	3999
150	1.50	2	143	72	216	108	0.95	227	4000
358	1.82	9	2,172	241	3,958	440	6.07	652	4001
365	1.80½	4	832	208	1,501	375	2.28	658	4002
365	1.47⅓	4	608	152	898	225	1.67	539	4003
365	1.42	1	140	140	199	199	0.38	519	4004
313	1.87	4	687	172	1,283	321	2.20	585	4005
313	1.84	3	190	63	350	117	0.61	577	4006
313	1.90	3	549	183	1,043	348	1.76	595	4007
313	1.80	2	539	270	971	486	1.72	564	4008
105	1.33⅓	3	213	71	286	95	2.03	141	4009
365	1.60	6	762	127	1,219	203	2.09	584	4010
365	2.00	4	431	108	863	216	1.18	731	4011
365	2.28½	2	671	336	1,520	760	1.84	827	4012
313	2.55½	3	586	195	1,498	499	1.87	800	4013
365	1.84⅓	3	929	310	1,716	572	2.55	674	4014
260	.50	3	315	105	158	53	1.21	130	4015
313	2.82½	2	176	88	497	249	0.56	884	4016
313	1.51	3	550	183	830	277	1.76	472	4017

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Concluded.

B.—GLASS—Concluded.

[Each line shows the total of an occupation in an establishment. In a like occupation the facts for one establishment cannot be compared with those for another (except as to daily rate of pay), unless the periods are of equal length. The establishment numbers relate to the cost of production presenta-

Marginal number.	Establishment number.	Occupation.	Industry.	Locality.
4018	9	Ware hands—concluded	Green glass bottles	United States
4019	17	do	Green glass bottles	United States
4020	18	do	Green glass bottles	United States
4021	19	do	Green glass bottles	United States
4022	22	do	Green glass bottles	United States
4023	23	do	Green glass bottles	United States
4024	24	do	Green glass bottles	United States
4025	28	do	Green glass bottles	United States
4026	2	Warehousemen	Window glass	United States
4027	37	do	Window glass	United States
4028	17	Washers	Green glass bottles	United States
4029	18	do	Green glass bottles	United States
4030	11	do	Flint glass bottles	United States
4031	1	do	Lamp chimneys	United States
4032	2	do	Lamp chimneys	United States
4033	2	Watchmen	Window glass	United States
4034	3	do	Window glass	United States
4035	6	do	Window glass	United States
4036	9	do	Window glass	United States
4037	23	do	Window glass	United States
4038	34	do	Window glass	United States
4039	35	do	Window glass	United States
4040	36	do	Window glass	United States
4041	37	do	Window glass	United States
4042	15	do	Green glass bottles	United States
4043	16	do	Green glass bottles	United States
4044	23	do	Green glass bottles	United States
4045	24	do	Green glass bottles	United States
4046	3	do	Flint glass bottles	United States
4047	5	do	Flint glass bottles	United States
4048	6	do	Flint glass bottles	United States
4049	11	do	Flint glass bottles	United States
4050	1	do	Lamp chimneys	United States
4051	2	do	Lamp chimneys	United States
4052	4	do	Lamp chimneys	United States
4053	5	do	Lamp chimneys	United States
4054	17	Water boys	Green glass bottles	United States
4055	5	do	Flint glass bottles	United States
4056	15	Wirers	Green glass bottles	United States
4057	16	do	Green glass bottles	United States
4058	1	Wrappers	Lamp chimneys	United States
4059	2	do	Lamp chimneys	United States
4060	5	do	Lamp chimneys	United States
4061		do	Lamp chimneys	United States
4062	5	Wrapper, boss	Lamp chimneys	United States

TABLE XII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY OCCUPATIONS—Concluded.

B.—GLASS—Concluded.

tion, Tables I to X. Where no establishment number is given no statement of cost of production for the establishment was obtained. In referring from this table to those on production by means of these numbers, note should be taken of the industry, as a new series of numbers is used for each.]

Working days in the period.	Actual daily earnings, or daily rate nearest to average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.		Marginal number.
		Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.	
			Total.	Average.	Total.	Average.			
128	$1.56	3	123	41	$192	$64	0.96	$200	4018
313	1.37½	3	383	128	527	176	1.22	431	4019
313	1.77	3	250	83	443	148	0.80	555	4020
313	1.86	7	826	118	1,538	220	2.64	583	4021
313	1.74	3	388	129	676	225	1.24	545	4022
313	1.50	2	105	53	157	79	0.34	468	4023
313	1.92½	2	482	241	929	465	1.54	603	4024
90	1.25	4	28	7	35	9	0.31	113	4025
313	1.60	1	244	244	390	390	0.78	500	4026
313	2.16⅔	2	614	307	1,330	665	1.96	678	4027
313	.53	2	314	157	166	83	1.00	165	4028
313	1.15	1	165	165	190	190	0.53	360	4029
313	.68	7	721	103	490	70	2.30	213	4030
313	.50	16	238	15	119	7	0.76	157	4031
313	.88⅓	4	598	150	497	124	1.91	260	4032
365	1.18	1	335	335	396	396	0.92	431	4033
365	1.57	2	707	354	1,111	556	1.94	574	4034
365	1.25	4	252	63	315	79	0.69	456	4035
365	1.43	1	365	365	520	520	1.00	520	4036
365	1.38	1	364	364	503	503	1.00	504	4037
365	1.29	1	365	365	471	471	1.00	471	4038
365	1.57	1	182	182	286	286	0.50	574	4039
365	1.43	1	294	294	420	420	0.81	521	4040
365	1.62½	2	399	200	648	324	1.10	593	4041
365	1.50	1	327	327	491	491	0.90	548	4042
365	1.00	1	357	357	357	357	0.98	365	4043
313	1.33⅓	2	396	198	526	263	1.27	416	4044
365	1.43	1	355	355	509	509	0.97	523	4045
365	1.43	1	365	365	522	522	1.00	522	4046
365	1.55	2	256	128	397	199	0.70	566	4047
365	1.43	1	255	255	360	360	0.70	515	4048
365	1.62½	5	363	73	589	118	1.00	592	4049
365	1.50	2	330	165	495	248	0.90	548	4050
313	1.62½	3	150	50	244	81	0.48	509	4051
365	2.02½	4	523	131	1,059	265	1.44	739	4052
365	1.94	2	83	42	161	81	0.23	708	4053
313	.55	3	192	64	106	35	0.61	173	4054
313	.60	3	105	35	63	21	0.34	188	4055
313	2.19½	3	612	204	1,343	448	1.95	687	4056
313	1.95⅔	1	191	191	373	373	0.61	611	4057
313	1.00⅓	4	545	136	548	137	1.74	315	4058
313	1.16⅔	1	143	143	166	166	0.46	363	4059
313	.69½	11	1,812	165	1,256	114	5.79	217	4060
313	.52½	18	700	39	367	20	2.24	164	4061
313	1.25½	1	246	246	309	309	0.79	393	4062

TABLE XIII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY INDUSTRIES.

[In the preceding table the working days in the period are shown for each occupation, but here only the length of the period for the establishment as a whole. The actual daily earnings, or daily rate nearest to average daily earnings of Table XI here, of course, becomes actual average daily earnings, as it is the quotient of the total earnings divided by the total days of work done in each establishment.]

A.—COTTON TEXTILES.

Establishment number.	Locality.	Length of the period.	Actual average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
				Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
					Total.	Average.	Total.	Average.		
1	Northern district of the United States.	6 months	(a)	565	(a)	(a)	$40,329	$71	(a)	(a)
3	....do	6 months	$1.17½	380	32,370	85	b 38,052	100	207.09	$184
4	....do	6 months	.97	889	95,127	107	c 92,256	104	609.50	151
9	....do	6 months	1.02	256	17,987	70	18,320	72	114.98	159
10	....do	6 months	.73⅔	368	44,160	120	c 32,555	88	282.69	115
11	....do	1 year ..	.76⅔	191	37,502	196	28,713	150	119.68	240
12	....do	1 year ..	.72½	417	62,510	150	45,212	108	199.54	227
13	....do	6 months	.79½	339	37,570	111	29,904	88	240.50	124
15	....do	6 months	(a)	1,702	(a)	(a)	d 132,806	78	(a)	(a)
17	....do	1 year ..	(a)	1,188	(a)	(a)	c 120,696	102	(a)	(a)
19	....do	6 months	(a)	1,471	(a)	(a)	e 175,710	119	(a)	(a)
20	....do	4 weeks.	(a)	457	(a)	(a)	f 9,294	20	(a)	(a)
22	....do	1 year ..	(a)	6,436	(a)	(a)	c 524,250	81	(a)	(a)
26	....do	6 months	1.24⅓	662	61,290	93	76,425	115	392.73	195
28	....do	6 months	1.06	1,291	111,973	87	g 118,414	92	716.49	165
36	....do	1 year ..	(a)	516	(a)	(a)	h 84,570	164	(a)	(a)
37	....do	1 year ..	(a)	677	(a)	(a)	c 126,297	187	(a)	(a)
38	....do	1 year ..	1.30⅓	563	121,451	216	158,441	281	387.82	409
82	....do	6 months	1.30	203	25,545	126	33,157	163	163.82	202
85	....do	6 months	1.13⅓	461	42,774	93	48,618	105	273.84	178
88	....do	6 months	1.18	492	41,114	84	48,608	99	263.40	185
—	....do	6 months	1.17⅓	838	59,726	71	70,104	84	382.16	183
42	Southern district of the United States.	1 year ..	.78	407	44,202	109	i 34,554	85	140.79	245
44	....do	6 months	(a)	465	(a)	(a)	32,375	70	(a)	(a)
46	....do	1 year ..	(a)	1,000	(a)	(a)	c 90,164	90	(a)	(a)
47	....do	11½ mos.	.96	1,880	182,334	97	c 174,969	93	619.26	283
49	....do	6 months	(a)	1,258	(a)	(a)	j 80,592	64	(a)	(a)
50	....do	1 year ..	(a)	397	(a)	(a)	j 43,597	110	(a)	(a)
51	....do	1 year ..	(a)	303	(a)	(a)	j 25,569	84	(a)	(a)
57	....do	1 year ..	.73⅓	289	47,253	164	34,671	120	150.84	230
59	....do	6 months	.78⅓	275	25,190	92	19,801	72	161.33	123
60	....do	1 year ..	(a)	747	(a)	(a)	c 96,144	129	(a)	(a)
62	....do	1 year ..	(a)	850	(a)	(a)	k 94,386	111	(a)	(a)
64	....do	1 year ..	(a)	614	(a)	(a)	l 68,306	111	(a)	(a)
67	....do	1 year ..	(a)	746	(a)	(a)	c 53,014	71	(a)	(a)
68	....do	1 year ..	.74⅓	287	41,507	145	30,882	108	132.34	233
70	....do	1 year ..	(a)	363	(a)	(a)	40,910	113	(a)	(a)
—	....do	1 year ..	(a)	1,802	(a)	(a)	169,907	94	(a)	(a)

a Some employés were paid by the quantity, hence the daily rate of pay and days of work done cannot be given.

b Includes $369 expended for permanent improvements, which could not be eliminated from the different occupations given above.

c The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

d The earnings here shown are for six months only. The statement for this establishment on page 30 is for one year.

e The earnings here shown are for six months. The statement for this establishment on page 30 is for three months only.

f The earnings here shown are for four weeks only. The statement for this establishment on page 30 is for one year.

g Includes $2,158 expended for permanent improvements, which could not be eliminated from the different occupations given above.

h Includes $512 expended for permanent improvements, which could not be eliminated from the different occupations given above.

i Includes $2,402 expended for permanent improvements, which could not be eliminated from the different occupations given above.

j The earnings shown here, and for this establishment on page 30, although for the same length of time, are for different periods.

k The earnings here shown include $8,618 paid to employés for the production of yarn not included in the statement for this establishment on page 30.

l Includes $571 expended for permanent improvements, which could not be eliminated from the different occupations given above.

TABLE XIII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY INDUSTRIES—Continued.

[In the preceding table the working days in the period are shown for each occupation, but here only the length of the period for the establishment as a whole. The actual daily earnings, or daily rate nearest to average daily earnings of Table XI here, of course, becomes actual average daily earnings, as it is the quotient of the total earnings divided by the total days of work done in each establishment.]

A.—COTTON TEXTILES—Concluded.

Establishment number.	Locality.	Length of the period.	Actual average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
				Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
					Total.	Average.	Total.	Average.		
71	Continent of Europe	1 year ..	$0.49	391	96,264	246	*a* $47,197	$121	307.54	$153
91	....do	6 months	(*b*)	889	(*b*)	(*b*)	*c* 53,271	60	(*b*)	(*b*)
92	....do	3 months	(*b*)	1,102	(*b*)	(*b*)	37,336	34	(*b*)	(*b*)
93	....do	1 year ..	.45	97	25,487	263	11,438	118	81.43	140
—	....do	1 year ..	.50	1,813	397,648	219	198,042	109	1,269.77	156
72	Great Britain	6 months	(*b*)	263	(*b*)	(*b*)	*d* 28,207	107	(*b*)	(*b*)
75	....do	3 months	(*e*)	(*e*)	(*e*)	(*e*)	*f* 27,756	(*e*)	(*e*)	(*e*)

B.—COTTON YARNS.

1	Northern district of the United States.	3 months	$1.11½	268	16,780	63	*g* $18,725	$70	214.78	$87
—	....do	6 months	1.02	388	30,599	79	31,195	80	195.79	159
9	Southern district of the United States.	1 year ..	.66½	406	33,921	84	22,551	56	108.22	208
10	....do	6 months	.69½	347	18,722	54	13,029	38	119.83	109
11	....do	1 year ..	(*b*)	371	(*b*)	(*b*)	*h* 30,912	83	(*b*)	(*b*)
16	Continent of Europe	12 weeks	.30½	168	11,030	66	*i* 3,387	20	153.22	22
17	....do	12 weeks	.44½	122	7,942	65	*j* 3,526	29	110.32	32
18	....do	3 months	.42	332	25,896	78	*k* 10,824	33	332.00	33
19	Great Britain	3 months	.75½	67	4,749	71	3,586	54	60.86	59
22	....do	6 months	(*b*)	250	(*b*)	(*b*)	*l* 15,196	61	(*b*)	(*b*)
24	....do	1 week..	.66	244	1,393	6	920	4	232.17	4
25	....do	1 week..	.80½	159	957	6	772	5	159.50	5
26	....do	1 week..	.78	217	1,301	6	1,017	5	216.83	5
28	....do	6 months	.66	308	40,236	131	26,523	86	257.93	103
—	....do	3 months	.77½	64	4,606	72	3,566	56	59.06	60

a The earnings here shown are for only a part of the employés of this establishment, but they are thought to be fairly representative.

b Some employés were paid by the quantity, hence the daily rate of pay and days of work done cannot be given.

c This establishment has also spare weavers and winders, but owing to difficulty in obtaining information they cannot be given.

d The earnings here shown are for six months. The statement for this establishment on page 31 is for three months only.

e The number of weavers could not be ascertained, hence the different employés, daily rate of pay, and days of work done cannot be given.

f The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

g The earnings here shown are for thirteen weeks only. The statement for this establishment on page 129 is for fifteen months.

h In addition to the wages here shown, the employés are all furnished with good, comfortable, plastered houses to live in, free of rent, with as much ground for garden purposes as they want. Their fuel, both wood and coal, is delivered to them at its exact cost.

i The earnings here shown are for only a part of the employés for twelve weeks. The statement for this establishment on page 129 is for all the employés for one year.

j The earnings here shown are for twelve weeks only. The statement for this establishment on page 129 is for one year. In addition to the above employés winders were also employed, but on account of the intermittent character of the work, no information could be obtained beyond the fact that they earned from 17½ to 24 cents per day.

k The earnings here shown are for thirteen weeks only. The statement for this establishment on page 129 is for one year.

l The earnings here shown are for six months. The statement for this establishment on page 129 is for three months only.

TABLE XIII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY INDUSTRIES—Continued.

[In the preceding table the working days in the period are shown for each occupation, but here only the length of the period for the establishment as a whole. The actual daily earnings, or daily rate nearest to average daily earnings of Table XI here, of course, becomes actual average daily earnings, as it is the quotient of the total earnings divided by the total days of work done in each establishment.]

C.—WOOLLEN AND WORSTED TEXTILES.

Establishment number.	Locality.	Length of the period.	Actual average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
				Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
					Total.	Average.	Total.	Average.		
3	United States	6 months	$1.52	189	13,538	72	*a* $20,599	$109	86.64	$238
7	....do	1 year ..	1.35½	324	51,887	160	*a* 70,429	217	165.61	425
8	....do	1 year ..	1.36½	165	20,431	124	*a* 27,901	169	65.10	429
12	....do	6 months	1.49½	119	13,443	113	*b* 20,079	169	86.05	233
15	....do	1 year ..	(*c*)	78	(*c*)	(*c*)	*a* 22,526	289	(*c*)	(*c*)
16	....do	6 months	1.39½	195	26,386	135	*d* 36,846	189	168.59	219
21	....do	1 year ..	1.13	656	122,509	187	*e* 138,499	211	391.11	354
24	....do	1 year ..	(*c*)	363	(*c*)	(*c*)	*f* 81,170	224	(*c*)	(*c*)
26	....do	6½ mos..	1.25	145	16,158	111	*g* 20,181	139	99.42	203
34	....do	1 year ..	1.43	178	33,649	189	48,102	270	107.21	449
36	....do	3 months	1.26½	124	7,977	64	10,091	81	108.97	93
37	....do	1 year ..	1.19½	177	18,806	106	22,518	127	60.08	375
40	....do	6 months	1.27½	500	40,463	81	51,590	103	259.13	199
—	....do	6 months	(*c*)	128	(*c*)	(*c*)	17,604	138	(*c*)	(*c*)
—	....do	6 months	(*c*)	190	(*c*)	(*c*)	25,410	134	(*c*)	(*c*)
—	....do	6 months	1.17	1,210	124,483	103	145,346	120	797.18	182
—	....do	6 months	(*c*)	164	(*c*)	(*c*)	26,051	159	(*c*)	(*c*)
—	....do	6 months	(*c*)	22	(*c*)	(*c*)	3,391	154	(*c*)	(*c*)
—	....do	11 mos..	(*c*)	235	(*c*)	(*c*)	36,192	154	(*c*)	(*c*)
—	....do	1 year ..	(*c*)	114	(*c*)	(*c*)	24,687	217	(*c*)	(*c*)
—	....do	1 year ..	(*c*)	91	(*c*)	(*c*)	20,995	231	(*c*)	(*c*)
42	Continent of Europe.	1 year ..	(*c*)	1,714	(*c*)	(*c*)	210,379	123	(*c*)	(*c*)
—	....do	6 months	(*c*)	91	(*c*)	(*c*)	5,919	65	(*c*)	(*c*)

D.—LINEN TEXTILES.

—	Continent of Europe.	5½ mos..	$0.35½	117	15,137	129	$5,386	$46	105.11	$51

E.—LINEN YARNS.

—	Continent of Europe.	1 year ..	$0.47	981	213,767	218	$99,937	$102	682.66	$146

F.—SILK TEXTILES.

4	Continent of Europe.	1 year ..	$0.49½	946	198,867	210	$98,870	$105	635.35	$156

a The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

b The earnings shown here, and for this establishment on page 144, although for the same length of time, are for different periods.

c Some employés were paid by the quantity, hence the daily rate of pay and days of work done cannot be given.

d The earnings here shown are for six months only. The statement for this establishment on page 144 is for one year.

e The earnings here shown include $3,735 paid for finishing for another mill, which is not included in the statement for this establishment on page 144.

f Includes $2,015 expended for permanent improvements, which could not be eliminated from the different occupations given above.

g The earnings here shown are for twenty-seven weeks. The statement for this establishment on page 144 is for twenty-six weeks and two days only.

TABLE XIII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY INDUSTRIES—Continued.

[In the preceding table the working days in the period are shown for each occupation, but here only the length of the period for the establishment as a whole. The actual daily earnings, or daily rate nearest to average daily earnings of Table XI here, of course, becomes actual average daily earnings, as it is the quotient of the total earnings divided by the total days of work done in each establishment.]

G.—WINDOW GLASS.

Establishment number.	Locality.	Length of the period.	Actual average daily earnings.	Actual condition for period,					Condition if workmen had continuous employment.	
				Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
					Total.	Average.	Total.	Average.		
2	United States	1 year	$3.29	168	18,084	108	a $59,467	$354	64.90	$916
3	do	1 year	3.43½	207	28,038	135	a 96,360	466	99.32	970
6	do	1 year	3.28½	84	10,008	119	32,882	391	35.06	938
9	do	1 year	3.23	59	10,556	179	34,100	578	37.46	910
10	do	1 year	2.74½	81	8,523	105	a 23,405	289	30.03	779
16	do	1 year	2.80½	169	18,229	108	a 51,141	303	63.56	805
20	do	1 year	3.19	63	8,944	142	a 28,529	453	30.05	949
23	do	1 year	2.88½	187	22,653	121	65,306	349	75.83	861
25	do	1 year	3.39	90	10,040	112	34,015	378	31.83	1,069
30	do	1 year	(b)	154	(b)	(b)	43,384	282	(b)	(b)
32	do	1 year	3.14½	121	13,178	109	41,453	343	42.10	985
34	do	1 year	3.38½	76	13,583	179	45,990	605	43.04	1,069
35	do	1 year	4.11½	103	12,391	120	50,977	495	39.05	1,305
36	do	1 year	3.40	148	23,567	159	80,128	541	75.04	1,068
37	do	1 year	4.13½	190	28,666	151	118,476	624	99.09	1,196
—	Continent of Europe	1 year	1.01½	51	12,085	237	12,263	240	38.62	318

H.—GREEN GLASS BOTTLES.

6	United States	1 year	$2.58	163	16,619	102	$42,905	$263	52.63	$815
8	do	1 year	1.38	381	53,677	141	74,095	194	171.47	432
9	do	5 months	(b)	97	(b)	(b)	a 16,142	166	(b)	(b)
15	do	1 year	1.76	373	57,862	155	a 101,813	273	183.49	555
16	do	1 year	2.04	249	39,198	157	79,961	321	124.03	645
17	do	1 year	1.98½	91	10,534	116	20,907	230	33.26	629
18	do	1 year	1.86½	84	10,260	122	a 19,112	228	32.64	586
19	do	1 year	2.05½	214	21,529	101	44,269	207	68.79	644
22	do	1 year	1.84	105	10,789	103	19,847	189	34.46	576
23	do	1 year	2.06	259	22,366	86	46,071	178	71.11	648
24	do	1 year	2.19½	168	25,290	151	55,541	331	80.15	693
25	do	1 year	2.25	218	21,180	97	47,657	219	67.67	704
26	do	1 year	2.29	204	17,102	84	39,135	192	54.63	716
28	do	3½ mos.	2.26½	94	5,300	56	11,999	128	58.39	205

J.—FLINT GLASS BOTTLES.

3	United States	1 year	$1.75	199	24,026	121	a $41,995	$211	76.64	$548
5	do	1 year	2.00½	278	27,587	99	55,339	199	88.01	629
6	do	1 year	1.70	196	14,272	73	24,253	124	45.12	538
11	do	1 year	3.13½	125	13,376	107	c 41,956	336	42.38	990

a The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

b Some employés were paid by the quantity, hence the daily rate of pay and days of work done cannot be given.

c The earnings here shown, though for only a part of the employés, are thought to be fairly representative.

TABLE XIII.—SUMMARY OF ACTUAL AND THEORETICAL TIME AND EARNINGS BY INDUSTRIES—Concluded.

[In the preceding table the working days in the period are shown for each occupation, but here only the length of the period for the establishment as a whole. The actual daily earnings, or daily rate nearest to average daily earnings of Table XI here, of course, becomes actual average daily earnings, as it is the quotient of the total earnings divided by the total days of work done in each establishment.]

K.—LAMP CHIMNEYS.

Establishment number.	Locality.	Length of the period.	Actual average daily earnings.	Actual condition for period.					Condition if workmen had continuous employment.	
				Different employés.	Days of work done.		Earnings.		Necessary employés.	Consequent average earnings per employé.
					Total.	Average.	Total.	Average.		
1	United States	1 year	$1.99½	189	22,939	121	$45,765	$242	77.60	$590
2	....do	1 year	1.98½	181	22,293	123	*a* 44,252	244	76.19	581
4	....do	1 year	2.22½	300	26,740	89	59,488	198	91.48	650
5	....do	1 year	1.90	485	44,924	93	*a* 85,308	176	143.09	596
—	....do	1 year	(*b*)	342	(*b*)	(*b*)	*a* 60,557	177	(*b*)	(*b*)

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR.

A.—Pig Iron: 17 ESTABLISHMENTS IN 8 STATES.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Blacksmiths	18	$2.20½	3,764	$8,298	209	$461	12.03	$690
Blacksmiths' helpers	18	1.51½	3,198	4,851	178	270	10.22	475
Brakemen	2	1.49½	493	736	247	368	1.58	467
Bricklayers	13	3.14	80	251	6	19	0.26	982
Carpenters	34	1.99	6,950	13,831	204	407	22.20	623
Carpenter and laborer	1	1.35½	317	429	317	429	1.01	424
Cleaner, office	1	.37½	300	113	300	113	0.96	118
Drivers	2	1.48	496	734	248	367	1.58	463
Engineers, locomotive	3	1.82	518	944	173	315	1.65	570
Firemen, locomotive	5	1.60½	520	834	104	167	1.66	502
Foremen	3	2.79½	730	2,040	243	680	2.33	875
Laborers	1,124	1.26¼	76,809	97,221	68	86	245.40	396
Laborers, furnace	2	1.13	618	697	309	349	1.97	353
Laborer and machinist	1	1.40	10	14	10	14	0.03	438
Laborers and metal carriers	2	1.70½	17	29	9	15	0.05	534
Machinists	10	2.05	2,428	4,977	243	498	7.76	642
Machinists' helpers	2	1.60½	89	143	45	72	0.28	503
Masons	27	2.79	1,393	3,885	52	144	4.45	873
Masons' helpers	7	1.38½	418	579	60	83	1.34	434
Master masons	2	4.58	43	197	22	99	0.14	1,434

a The earnings here shown do not include those of a few minor employés, concerning whom no information could be obtained.

b Some employés were paid by the quantity, hence the daily rate of pay and days of work done cannot be given.

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

A.—Pig Iron: 17 ESTABLISHMENTS IN 8 STATES—Continued.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employes.	Consequent average earnings.
Mechanic	1	$2.01½	71	$143	71	$143	0.23	$630
Painters	4	1.68½	371	625	93	156	1.19	527
Pipe fitters	3	1.75½	163	286	54	95	0.52	549
Railroad boss	1	2.00	297	594	297	594	0.95	626
Repairers	2	1.50	352	528	176	264	1.12	470
Repairer, car	1	1.60	352	563	352	563	1.12	501
Stock unloader	1	1.40½	79	111	79	111	0.25	440
Teamsters (with teams)	11	3.60½	1,095	3,947	100	359	3.50	1,128
Timekeeper	1	2.88½	312	900	312	900	1.00	903
Trackman	1	1.40	295	413	295	413	0.94	438
Whitewasher	1	3.00	1	3	1	3	0.00	939

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 365 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Barrow helpers	16	$1.41	3,555	$5,015	222	$313	9.74	$515
Barrow helper and coke forker	1	1.45	294	427	294	427	0.81	530
Barrow helpers and fillers	5	1.48½	1,481	2,196	296	439	4.06	541
Barrow helper and laborer	1	1.45	283	410	283	410	0.78	529
Barrow helpers and stockhouse men	3	1.47	769	1,132	256	377	2.11	537
Blacksmiths	9	2.19⅓	2,082	4,570	231	508	5.70	801
Blacksmiths' helpers	8	1.24½	1,181	1,468	148	184	3.24	454
Blacksmiths' helper and stock preparer	1	1.50	4	6	4	6	0.01	548
Boiler cleaners	30	1.02½	341	350	11	12	0.93	375
Boiler cleaners and laborers	4	1.11½	159	177	40	44	0.44	406
Boiler cleaner and water tender	1	1.87	329	616	329	616	0.90	683
Boilermakers	2	2.50	24	60	12	30	0.07	913
Boilermakers' helper	1	1.55⅓	9	14	9	14	0.02	568
Boilermen	2	1.63½	354	579	177	290	0.97	597
Brakemen	26	1.67½	4,716	7,897	181	304	12.92	611
Brakeman, dinkey	1	1.33½	200	267	200	267	0.55	487
Brakeman, locomotive	1	1.38½	246	341	246	341	0.67	506
Brakeman and casthouse man	1	1.62	168	272	168	272	0.46	591
Brakeman and dumper	1	1.63⅓	346	566	346	566	0.95	597
Brakeman and fireman	1	1.28	111	142	111	142	0.30	467
Brakemen and laborers	4	1.59	670	1,066	168	267	1.84	581
Bricklayers	13	4.05⅓	54	219	4	17	0.15	1,480
Cagemen	12	1.75	2,833	4,953	236	413	7.76	638
Cagemen and fillers	197	1.20	11,609	13,929	59	71	31.81	438
Cageman and laborer	1	1.58⅓	250	396	250	396	0.68	578
Cagemen's helpers	3	1.49½	450	673	150	224	1.23	546
Cagemen's helper and stock preparer	1	1.58	333	526	333	526	0.91	577
Carpenters	6	2.22	1,313	2,917	219	486	3.60	811

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

A.—Pig Iron: 17 ESTABLISHMENTS IN 8 STATES—Continued.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 365 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Casthouse men	23	$1.50	4,677	$7,005	203	$305	12.81	$547
Casthouse man and cinder snapper	1	1.57½	336	529	336	529	0.92	575
Cinder snappers	11	1.81	2,618	4,733	238	430	7.17	660
Cinder snapper and helper	1	2.09	258	539	258	539	0.71	763
Cinder snappers and laborers	5	1.73	712	1,230	142	246	1.95	631
Cinder snapper and ore piler	1	1.93	133	257	133	257	0.36	705
Cinder snapper and woolman	1	1.68	248	417	248	417	0.68	614
Cinder tappers	139	1.33½	12,484	16,678	90	120	34.20	488
Cinder tappers and coke forkers	3	1.25	48	60	16	20	0.13	456
Cinder tapper and driver	1	1.60	249	398	249	398	0.68	583
Cinder tappers and fillers	4	1.17½	86	101	22	25	0.24	429
Cinder tapper and gutterman	1	1.28½	21	27	21	27	0.06	469
Cinder tapper and iron handler	1	2.25½	71	160	71	160	0.19	823
Cinder tapper and iron piler	1	1.33⅓	12	16	12	16	0.03	487
Cinder tappers and laborers	11	1.27½	1,711	2,185	156	199	4.69	466
Cinder tapper and ore breaker	1	1.52½	143	218	143	218	0.39	556
Cinder tappers' helpers	3	1.10	646	712	215	237	1.77	402
Cindermen	73	1.42½	12,552	17,860	172	245	34.39	519
Cindermen and fillers	2	1.54½	46	71	23	36	0.13	563
Cinderman and helper	1	1.32	320	423	320	423	0.88	482
Cindermen and iron handlers	2	1.66½	357	595	179	298	0.98	608
Cindermen and laborers	11	1.48½	1,533	2,276	139	207	4.20	542
Cindermen and metal carriers	3	2.37½	682	1,619	227	540	1.87	866
Cleaners, stack	2	1.42½	183	261	92	131	0.50	521
Cleaner, stack, and filler	1	1.51	291	440	291	440	0.80	552
Cleaner, stack, and keepers' helper	1	1.50	18	27	18	27	0.05	548
Cleaner, stack, and stoveman	1	1.55	357	554	357	554	0.98	556
Coal screeners	4	1.32	961	1,267	240	317	2.63	481
Coal wheelers	5	1.00	113	113	23	23	0.31	365
Coal wheelers and firemen	2	1.27½	307	391	154	196	0.84	465
Coke cleaner	1	1.46	37	54	37	54	0.10	533
Coke cleaner and ore breaker	1	1.48½	298	442	298	442	0.82	541
Coke drivers	23	1.15	1,035	1,190	45	52	2.84	420
Coke drivers and laborers	7	1.07½	684	734	98	105	1.87	392
Coke driver and teamster	1	1.06	292	309	292	309	0.80	386
Coke forkers	114	1.30½	9,986	13,012	88	114	27.36	476
Coke forkers and laborers	30	1.17	1,234	1,443	41	48	3.38	427
Coke forkers and stockhouse men	2	1.46	545	795	273	398	1.49	532
Coke-dust man	1	1.40	361	506	361	506	0.99	512
Conductor	1	1.24½	281	350	281	350	0.77	455
Drivers	7	.95½	1,427	1,364	204	195	3.91	349
Dumpers	9	1.31	1,917	2,509	213	279	5.25	478
Dumper and laborer	1	1.50½	194	292	194	292	0.53	549
Engine wipers	6	1.37	1,071	1,466	179	244	2.93	500
Engineers	61	2.13½	12,497	26,693	205	438	34.24	780
Engineer, chief	1	2.77	379	1,050	379	1,050	1.04	1,011
Engineers, dinkey	4	1.61½	1,038	1,678	260	420	2.84	590
Engineers, furnace	4	2.26	1,399	3,160	350	790	3.83	824
Engineer, hoisting	1	1.97½	340	671	340	671	0.93	720
Engineers, locomotive	8	2.43½	1,842	4,483	230	560	5.05	888
Engineer and engineer's helper	1	1.79	216	387	216	387	0.59	654
Engineer and foreman	1	2.95	251	740	251	740	0.69	1,076
Engineers and laborers	3	2.11	546	1,151	182	384	1.50	769
Engineer and machinist	1	2.97	321	953	321	953	0.88	1,084
Engineer and water-tender	1	1.82	313	570	313	570	0.86	665
Engineer and wiper	1	1.14	331	377	331	377	0.91	416
Engineers' helpers	16	1.40	2,232	3,128	140	196	6.12	512

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

A.—Pig Iron: 17 ESTABLISHMENTS IN 8 STATES—Continued.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 729 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 365 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Engineers' helper and laborer	1	$1.24	99	$123	99	$123	0.27	$453
Engineers' helper and teamster	1	1.12½	224	252	224	252	0.61	411
Fallmen	17	1.24½	1,093	1,359	64	80	2.99	454
Fillers	352	1.45½	40,000	58,211	114	165	109.59	531
Fillers, bottom	217	1.43½	29,532	42,404	136	195	80.91	524
Fillers, coke	25	1.47	6,564	9,643	263	386	17.98	536
Fillers, lime	11	1.55½	3,381	5,259	307	478	9.26	568
Fillers, ore	23	1.51½	6,335	9,609	275	418	17.36	554
Fillers, stockhouse	195	1.16½	7,396	8,611	38	44	20.26	425
Fillers, top	80	1.68½	19,248	32,446	241	406	52.73	615
Fillers and helpers	2	1.35	63	85	32	43	0.17	492
Filler and iron handler	1	2.34	68	159	68	159	0.19	853
Fillers and iron men	3	1.64	353	579	118	193	0.97	599
Filler and keeper	1	1.69	354	599	354	599	0.97	618
Fillers and keepers' helpers	2	1.58	117	185	59	93	0.32	577
Fillers and laborers	86	1.49½	12,677	18,963	147	221	34.73	546
Filler and metal breaker	1	2.13½	226	482	226	482	0.62	778
Filler and metal carrier	1	1.65½	296	490	296	490	0.81	604
Fillers and ore breakers	6	1.80	883	1,588	147	265	2.42	656
Filler and scraper	1	1.54½	95	147	95	147	0.26	565
Filler and stocker	1	1.11¼	69	77	69	77	0.19	407
Filler and sweeper	1	.87	132	115	132	115	0.36	318
Fillers' helpers	9	1.51½	1,674	2,538	186	282	4.59	553
Fillers' helper and laborer	1	1.60	314	502	314	502	0.86	584
Fillers' helper and stock preparer	1	1.64	80	131	80	131	0.22	598
Firemen	38	1.66½	7,375	12,284	194	323	20.21	608
Firemen, locomotive	2	1.50	700	1,050	350	525	1.92	548
Fireman and laborer	1	1.48	114	169	114	169	0.31	541
Firemen's helpers	2	1.52½	539	822	270	411	1.48	557
Flagman	1	1.55	219	339	219	339	0.60	565
Flagman and storekeeper	1	1.44½	317	458	317	458	0.87	527
Foremen	33	2.62	9,150	23,955	277	726	25.07	956
Foreman, iron handlers	1	2.50	364	910	364	910	1.00	913
Foremen, laborers	4	2.24½	1,232	2,768	308	692	3.38	820
Foreman, machinery	1	4.66	365	1,700	365	1,700	1.00	1,700
Foremen, track	2	1.64	358	588	179	294	0.98	599
Foreman and laborer	1	1.55	176	273	176	273	0.48	566
Foreman and weighman	1	1.85½	189	351	189	351	0.52	678
Founders	4	4.25	1,151	4,893	288	1,223	3.15	1,552
Graders	3	1.18½	519	616	173	205	1.42	433
Guttermen	4	1.40	1,257	1,759	314	440	3.44	511
Helpers	58	1.60	10,366	16,593	179	286	28.40	584
Helpers and laborers	11	1.87½	1,657	3,107	151	282	4.54	684
Helper and metal carrier	1	2.38½	232	553	232	553	0.64	870
Helper and moulder	1	1.72	347	597	347	597	0.95	628
Helper and ore piler	1	1.87½	8	15	8	15	0.02	684
Hoisters	2	1.63	640	1,042	320	521	1.75	594
Hostler	1	1.45½	362	526	362	526	0.99	530
Hostlers and laborers	2	1.50	450	675	225	338	1.23	548
Hot-blast men	13	1.46	3,425	4,998	263	384	9.38	533
Hot-blast man and scraper	1	1.59½	339	540	339	540	0.93	581
Hot-cinder men	10	1.48	1,038	1,538	104	154	2.84	541
Hot-cinder men and laborers	4	1.41½	861	1,220	215	305	2.36	517
Incline men	2	1.16½	615	718	308	359	1.68	426
Inspectors, car	5	1.56	1,301	2,029	260	406	3.56	569
Iron barrowman	1	1.66	170	282	170	282	0.47	605
Iron carriers	22	1.93	2,972	5,739	135	261	8.14	705

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

A.—Pig Iron: 17 ESTABLISHMENTS IN 8 STATES—Continued.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.					Condition if the necessary positions were filled continuously by the same employés through a working year of 365 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Iron grader	1	$1.95½	304	$595	304	$595	0.83	$714
Iron handlers	110	1.67	15,649	26,156	142	238	42.87	610
Iron handler and keeper	1	1.72	312	536	312	536	0.85	627
Iron handlers and laborers	9	1.66	526	873	58	97	1.44	606
Iron men	17	1.76	2,868	5,046	169	297	7.86	642
Iron men and laborers	8	1.47	663	975	83	122	1.82	537
Iron man and stock preparer	1	1.63	65	106	65	106	0.18	595
Iron movers	9	1.51½	2,848	4,317	316	480	7.80	553
Iron mover and moulders' helper	1	1.57	365	573	365	573	1.00	573
Iron piler	1	1.66⅔	3	5	3	5	0.01	608
Iron sorter	1	1.40	286	400	286	400	0.78	510
Iron wringers	11	1.10½	1,444	1,593	131	145	3.96	403
Keepers	41	2.05½	11,661	23,950	284	584	31.95	750
Keepers and keepers' helpers	2	1.31⅓	338	445	169	223	0.93	481
Keepers and laborers	2	2.61⅓	273	714	137	357	0.75	955
Keepers' helpers	103	1.60½	20,917	33,619	203	326	57.31	587
Keepers' helpers and laborers	5	1.54	501	772	100	154	1.37	562
Keepers' helper and metal carrier	1	2.41½	36	87	36	87	0.10	882
Keepers' helper and scraper	1	1.60½	347	557	347	557	0.95	586
Keepers' helper and stock preparer	1	1.56	251	392	251	392	0.69	570
Laboratory boy	1	.95½	234	224	234	224	0.64	349
Laborers	591	1.10½	23,579	26,060	40	44	64.60	403
Laborers, yard	32	1.13½	2,190	2,482	68	78	6.00	414
Laborer and machinists' helper	1	1.41½	346	489	346	489	0.95	516
Laborers and metal breakers	10	1.71½	1,472	2,524	147	252	4.03	626
Laborers and metal carriers	8	2.08	981	2,039	123	255	2.69	759
Laborers and ore breakers	12	1.57½	615	969	51	81	1.68	575
Laborer and ore piler	1	1.50	16	24	16	24	0.04	548
Laborers and runners	2	1.48	224	331	112	166	0.61	539
Laborer and scaleman	1	1.50½	164	247	164	247	0.45	550
Laborers and scrapers	3	1.44½	440	635	147	212	1.21	527
Laborers and scrapmen	4	1.57	316	496	79	124	0.87	573
Laborers and slagmen	2	1.30½	378	493	189	247	1.04	476
Laborers and stock breakers	2	1.31	669	875	335	438	1.83	477
Laborers and stockhouse men	6	1.46½	997	1,461	166	244	2.73	535
Laborers and stock preparers	31	1.38	1,317	1,820	42	59	3.61	504
Laborer and stove cleaner	1	1.55	20	31	20	31	0.05	566
Laborer and stove tender	1	2.11½	324	685	324	685	0.89	772
Laborer and stoveman	1	1.24	25	31	25	31	0.07	453
Laborers and water tenders	2	1.75	373	652	187	326	1.02	638
Laborer and weighman	1	1.37½	16	22	16	22	0.04	502
Lightman	1	1.98	346	685	346	685	0.95	723
Limestone breakers	4	1.49½	751	1,121	188	280	2.06	545
Machinists	9	2.45½	2,767	6,787	307	754	7.58	895
Machinists' helpers	2	1.03½	315	326	158	163	0.86	378
Masons	2	3.61½	52	188	26	94	0.14	1,320
Mason and stoveman	1	1.98½	286	567	286	567	0.78	724
Master machinists	2	4.07½	331	1,349	166	675	0.91	1,488
Metal breakers	8	1.94½	1,186	2,308	148	289	3.25	710
Metal carriers	27	2.97	3,061	9,094	113	337	8.39	1,084
Metal carrier and ore breaker	1	2.61½	151	395	151	395	0.41	955
Moulders	21	1.73½	3,450	5,991	164	285	9.45	634
Moulder and stocker	1	1.23	144	177	144	177	0.39	449
Moulders' helpers	2	1.50	691	1,036	346	518	1.89	547
Oilers	2	1.17½	728	857	364	429	1.99	430
Ore breakers	34	1.55	1,900	2,943	56	87	5.21	565
Ore dumpers	8	1.20	630	756	79	95	1.73	438

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

A.—Pig Iron: 17 ESTABLISHMENTS IN 8 STATES—Concluded.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 365 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Ore pilers	6	$1.59	163	$259	27	$43	0.45	$580
Ovenmen	2	1.75½	719	1,261	360	631	1.97	640
Policemen	8	1.48	418	618	52	77	1.15	540
Porter	1	.98	304	298	304	298	0.83	358
Repairer, car	1	2.50	4	10	4	10	0.01	913
Runner men	13	1.32½	1,535	2,032	118	156	4.21	483
Sample boys	3	.61	312	190	104	63	0.85	222
Sample man	1	1.50	242	363	242	363	0.66	548
Sand sifters	2	1.10	575	633	288	317	1.58	402
Scalemen	12	1.58	3,961	6,266	330	522	10.85	577
Scavenger	1	.50	353	177	353	177	0.97	183
Scrapers	3	1.54	26	40	9	13	0.07	562
Scrapmen	15	1.28	1,475	1,890	98	126	4.04	468
Slagmen	33	1.52	6,590	10,020	200	304	18.05	555
Stablemen	7	1.22	2,078	2,534	297	362	5.69	445
Stableman and teamster	1	1.39	393	546	393	546	1.08	507
Stock breakers	19	1.38½	5,923	8,193	312	431	16.23	505
Stock preparers	98	1.50½	3,051	4,592	31	47	8.36	549
Stockers	82	1.21	3,690	4,462	45	54	10.11	441
Stockers and water tenders	2	1.67	642	1,071	321	536	1.76	609
Stockhouse men	21	1.51	4,035	6,089	192	290	11.05	551
Store keepers	3	1.57	718	1,127	239	376	1.97	573
Stove tenders	4	2.22	922	2,046	231	512	2.53	810
Stovemen	29	1.73	5,681	9,833	196	339	15.56	632
Stovemen's helper	1	1.82½	351	640	351	640	0.96	666
Sweepers	9	.70½	790	555	88	62	2.16	256
Teamsters	10	1.01½	1,024	1,041	102	104	2.81	371
Timekeepers	3	1.68	792	1,332	264	444	2.17	614
Watchmen	2	1.55	678	1,051	339	526	1.86	566
Water boys	28	.74½	2,999	2,241	107	80	8.22	273
Water tenders	16	1.81½	3,442	6,240	215	390	9.43	662
Weighmen	19	1.45	5,465	7,934	288	418	14.97	530
Wipers	5	1.53	1,063	1,625	213	325	2.91	558
Woolmen	5	1.57	909	1,425	182	285	2.49	572
Yardmasters	3	1.89	977	1,845	326	615	2.68	689

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

B.—Muck Bar Iron: 4 ESTABLISHMENTS IN 4 STATES.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 578 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 286 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Ball boys	2	$0.61½	298	$183	149	$92	1.04	$176
Bloom boys	2	1.33	298	396	149	198	1.04	380
Catchers	12	2.50	1,977	4,940	165	412	6.91	715
Cinder wheelers	15	1.29	738	952	49	63	2.58	369
Drag-outs	17	1.80½	2,351	4,244	138	250	8.22	516
Engineer	1	4.12	187	770	187	770	0.65	1,178
Engineer's helpers	3	1.76½	77	136	26	45	0.27	505
Firemen	2	1.32	311	411	156	206	1.09	378
Fix grinders	8	1.37½	433	596	54	75	1.51	394
Foreman	1	2.86½	314	900	314	900	1.10	820
Hookers-up	18	1.78	1,956	3,481	109	193	6.84	509
Metal breakers	5	1.96⅔	750	1,475	150	295	2.62	562
Mixers	4	1.25	306	382	77	96	1.07	357
Ore stockers	2	1.36½	143	195	72	98	0.50	390
Ore wheeler	1	1.85	174	322	174	322	0.61	529
Physic man	1	1.24½	196	244	196	244	0.69	356
Puddlers	228	3.42½	26,744	91,561	117	402	93.51	979
Puddler, boss	1	3.41½	193	659	193	659	0.67	977
Puddlers and puddlers' helpers	2	2.65½	388	1,030	194	515	1.36	759
Puddlers' helpers	287	1.68½	34,588	58,232	121	203	120.94	482
Pullers at squeezers	7	1.35½	350	474	50	68	1.22	387
Rollers	8	4.80½	1,474	7,081	184	885	5.15	1,374
Rollers' helpers	4	1.39	892	1,238	223	310	3.12	397
Roughers	10	2.70½	1,496	4,043	150	404	5.23	773
Roughers' helpers	2	1.50	310	465	155	233	1.08	429
Scrappers	5	4.94	1,259	6,221	252	1,244	4.40	1,413
Scrappers' helpers	10	2.14½	2,518	5,403	252	540	8.80	614
Stockers	6	1.58	1,333	2,107	222	351	4.66	452
Stockers, boss	3	3.27½	447	1,465	149	488	1.56	937
Tap wheelers	15	1.40	420	588	28	39	1.47	400
Weighmen	5	2.03	788	1,598	158	320	2.76	580

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

B.—Muck Bar Iron: 4 ESTABLISHMENTS IN 4 STATES—Concluded.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Ashmen	12	$1.42	1,746	$2,479	146	$207	5.58	$444
Blacksmiths	11	2.20½	577	1,272	52	116	1.84	690
Blacksmiths' helpers	7	1.45	404	585	58	84	1.29	453
Boiler tenders	4	1.75	323	565	81	141	1.03	548
Bricklayers	2	2.94	208	612	104	306	0.66	921
Bricklayers' helpers	2	1.41	406	572	203	286	1.30	441
Buggymen	6	1.43	505	723	84	121	1.61	448
Buggyman and puddler	1	2.14½	63	135	63	135	0.20	671
Caller	1	1.43	14	20	14	20	0.04	447
Carpenter and millwright	1	1.88½	79	149	79	149	0.25	590
Cindermen	9	1.43½	973	1,396	108	155	3.11	449
Coal wheelers	5	1.50½	420	632	84	126	1.34	471
Engineers	7	1.92	1,450	2,785	207	398	4.63	601
Firemen	9	1.48	1,278	1,893	142	210	4.08	464
Helper, lamp	1	1.50	32	48	32	48	0.10	470
Laborers	153	1.24	7,784	9,637	51	63	24.87	388
Laborer and ore crusher	1	1.39½	234	327	234	327	0.75	437
Laborer and watchman	1	1.75½	37	65	37	65	0.12	550
Machinists	8	1.82½	485	886	61	111	1.55	572
Masons	4	4.69½	820	3,850	205	963	2.62	1,470
Masons' helpers	3	1.49	505	753	168	251	1.61	467
Millwrights	4	1.99	469	933	117	233	1.50	623
Ore crushers	5	1.31½	480	631	96	126	1.53	411
Roll turner	1	6.09½	31	189	31	189	0.10	1,903
Stable boss	1	2.14½	14	30	14	30	0.04	671
Stockers	5	1.55½	829	1,291	166	258	2.65	487
Stockers, boss	2	4.28	390	1,669	195	835	1.25	1,339
Teamsters	5	1.36½	396	540	79	108	1.27	427
Toolman	1	1.37½	232	319	232	319	0.74	430
Watchmen	8	2.07	773	1,599	97	200	2.47	647
Weighmen	4	1.74	638	1,111	160	278	2.04	545

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 365 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Watchman	1	$1.50	297	$446	297	$446	0.81	$543

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

C.—Finished Bar Iron: 2 ESTABLISHMENTS IN 1 STATE.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 286 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Catchers	2	$2.25	446	$1,004	223	$502	1.56	$644
Heaters	2	7.03	472	3,318	236	1,659	1.65	2,010
Heaters' helpers	6	2.66½	1,338	3,568	223	595	4.68	763
Rollers	2	10.77½	447	4,816	224	2,408	1.56	3,081
Rollers' helpers	3	2.50	670	1,675	223	558	2.34	715
Roughers	8	3.68½	1,784	6,576	223	822	6.24	1,054
Shearmen	2	2.50½	446	1,117	223	559	1.56	716
Shearmen's helpers	4	1.50	889	1,332	222	333	3.11	429
Stickers-in	2	1.50	447	671	224	336	1.56	429
Straighteners	6	1.35	1,338	1,806	223	301	4.68	386

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Blacksmiths	5	$1.69	735	$1,242	147	$248	2.35	$529
Blacksmiths' helper	1	1.42	93	132	93	132	0.30	444
Carpenter and millwright	1	1.88½	79	149	79	149	0.25	590
Catchers	2	3.84½	299	1,150	150	575	0.96	1,204
Cinderman	1	1.24	132	164	132	164	0.42	389
Engineers	6	2.13	1,311	2,790	219	465	4.19	666
Engineer, locomotive	1	3.00	313	939	313	939	1.00	939
Firemen	4	1.59	682	1,084	171	271	2.18	497
Heaters	7	5.05½	1,592	8,048	227	1,150	5.09	1,582
Heaters' helpers	7	1.20½	1,783	2,152	255	307	5.70	378
Laborers	56	1.26	6,445	8,124	115	145	20.59	395
Machinists	4	2.33	158	368	40	92	0.50	729
Mason	1	2.75	313	860	313	860	1.00	860
Metal wheeler	1	1.70	290	493	290	493	0.93	532
Millwright	1	3.74½	314	1,176	314	1,176	1.00	1,172
Pullers-up (boys)	3	.30	577	173	192	58	1.84	94
Roll turners	2	4.23½	359	1,520	180	760	1.15	1,325
Rollers	5	4.28½	1,336	5,728	267	1,146	4.27	1,342
Roller, boss	1	17.89	306	5,475	306	5,475	0.98	5,600
Rollers' helper	1	1.99½	284	566	284	566	0.91	624
Roughers	12	3.33	2,244	7,472	187	623	7.17	1,042
Rougher-up	1	2.60½	298	777	298	777	0.95	816
Scrapers	6	1.47½	974	1,435	162	239	3.11	461
Sticker-in	5	.89½	780	697	156	139	2.49	280
Straighteners	12	.83	1,639	1,357	137	113	5.24	259

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

D.—Steel Ingots: 4 ESTABLISHMENTS IN 4 STATES.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 286 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Ashmen	4	$1.57½	26	$41	7	$10	0.09	$451
Blowers	3	3.98½	438	1,746	146	582	1.53	1,140
Blowers and regulators	2	3.51½	495	1,741	248	871	1.73	1,006
Bottom builders	6	3.60	1,270	4,571	212	762	4.44	1,029
Bottom builders' helpers	2	3.87½	470	1,822	235	911	1.64	1,109
Bottom builders' helper and grinder	1	1.80	292	526	292	526	1.02	515
Brakemen, locomotive	3	1.54	96	148	32	49	0.34	441
Charger and pushers' helper	1	2.96	131	388	131	388	0.46	847
Cinder snappers	6	2.36	1,146	3,852	191	642	4.01	961
Cinder snapper and cinder wheeler	1	1.82½	81	148	81	148	0.28	523
Cinder snapper and craneman	1	2.85	27	77	27	77	0.09	816
Cinder snapper and steel pourer	1	5.36	25	134	25	134	0.09	1,533
Cinder tapper	1	2.24½	169	379	169	379	0.59	641
Cinder tapper and ladle liner	1	3.50	150	525	150	525	0.52	1,001
Cinder tapper and manganese heater	1	2.94	173	509	173	509	0.60	841
Cinder wheelers	3	1.54½	86	133	29	44	0.30	442
Cinder wheeler and fireman	1	1.71½	7	12	7	12	0.02	490
Cindermen	4	3.93½	623	2,450	156	613	2.18	1,125
Cinderman, furnace	1	1.66½	12	20	12	20	0.04	477
Cinderman and grinder	1	2.38½	284	678	284	673	0.99	683
Cindermen and metal wheelers	3	3.44½	563	1,940	188	647	1.97	986
Cinderman and scrap loader	1	2.91	168	489	168	489	0.59	832
Cinderman and vesselman	1	2.66½	249	663	249	663	0.87	762
Coke stockers	2	3.10½	434	1,348	217	674	1.52	888
Coke stocker and vessel repairer	1	1.85	210	389	210	389	0.73	530
Coke wheelers	4	2.79	781	2,180	195	545	2.73	798
Crane shifters	2	2.00½	305	611	153	306	1.07	573
Crane shifter and iron pourer	1	2.58	190	490	190	490	0.66	738
Craneman	1	1.67½	164	275	164	275	0.57	480
Cupola firemen	2	6.44½	470	3,030	235	1,515	1.64	1,844
Cupola firemen's helpers	2	4.22	496	2,092	248	1,046	1.73	1,206
Cupolamen	4	3.67½	685	2,518	171	630	2.40	1,051
Doorman and pusher	1	1.96	53	104	53	104	0.19	561
Doorman and tester	1	1.60	10	16	10	16	0.03	458
Doorman and vessel repairer	1	2.03½	57	116	57	116	0.20	582
Engineers	2	2.36	529	1,248	265	624	1.85	675
Engineers, fan	3	1.79½	752	1,348	251	449	2.63	513
Engineers, grinding	2	1.85	582	1,077	291	539	2.03	529
Engineers, locomotive	3	1.89½	502	951	167	317	1.76	542
Foremen, pitmen	2	4.48½	438	1,965	219	983	1.53	1,283
Gasmakers	2	1.98	547	1,084	274	542	1.91	567
Gasmakers' helpers	3	1.65½	491	813	164	271	1.72	474
Gasmakers' helper and ladle liner	1	1.90	50	95	50	95	0.17	543
Gasmakers' helper and pit cleaner	1	1.74½	47	82	47	82	0.16	499
Gasmakers' helper and stopper setter	1	1.82½	92	168	92	168	0.32	522
Gasmakers' helper and tongsman	1	2.63	19	50	19	50	0.07	753
Greasers	4	1.84½	669	1,235	167	309	2.34	528
Grinders' helpers	6	1.64	652	1,068	109	178	2.28	468
Grinders' helper and ladle racker	1	1.71½	276	473	276	473	0.97	490
Grinders' helper and metal wheeler	1	2.36½	224	530	224	530	0.78	677
Ingot loaders	6	5.19½	1,128	5,911	190	985	3.98	1,486
Ingot loader and mould capper	1	4.39½	231	1,015	231	1,015	0.81	1,257
Ingot loader and mould swinger	1	5.24½	174	913	174	913	0.61	1,501
Iron melter and regulator	1	2.76½	184	509	184	509	0.64	791
Iron pourer	1	4.01½	230	923	230	923	0.80	1,148
Iron pourer and laborer	1	3.73½	271	1,012	271	1,012	0.95	1,068
Iron stocker	1	1.75	133	233	133	233	0.47	501
Iron stocker and scrap loader	1	1.98½	141	280	141	280	0.49	568

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

D.—Steel Ingots: 4 ESTABLISHMENTS IN 4 STATES—Continued.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 286 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Ladle cleaners	2	$3.63	318	$1,154	159	$577	1.11	$1,038
Ladle liners	14	2.76	2,213	6,110	158	436	7.74	790
Ladle liner and ladle packer	1	3.01½	172	519	172	519	0.60	863
Ladle liners and pushers	2	2.01½	340	685	170	343	1.19	576
Ladle liners and vessel cinders	2	2.25	80	180	40	90	0.28	644
Ladle liner and vessel repairer	1	1.39½	61	85	61	85	0.21	399
Ladle liner and vesselman	1	6.06½	209	1,268	209	1,268	0.73	1,735
Ladle liners' helpers	2	3.69½	461	1,704	231	852	1.61	1,057
Ladle racker	1	1.70	235	399	235	399	0.82	486
Limestone wheelers	2	1.62	238	385	119	193	0.83	463
Loam mixer	1	1.63½	256	418	256	418	0.90	467
Manganese heaters	6	4.23	1,227	5,192	205	865	4.29	1,210
Manganese heaters' helpers	5	2.73	962	2,627	192	525	3.36	781
Metal stocker	1	2.71½	7	19	7	19	0.02	776
Metal stockers and scrap handlers	2	2.78	270	750	135	375	0.94	794
Metal washer	1	1.57	7	11	7	11	0.02	449
Metal wheelers	23	2.90	4,196	12,176	182	529	14.67	830
Metal wheeler and puller-down	1	2.14½	41	88	41	88	0.14	614
Metal wheelers and scrap stockers	3	2.18	318	694	106	231	1.11	624
Mould capper	1	3.73	238	888	238	888	0.83	1,067
Mould cappers and pushers	2	3.46½	341	1,181	171	591	1.19	991
Mould setters	4	5.31	923	4,901	231	1,225	3.23	1,519
Mould swingers	4	5.31	888	4,715	222	1,179	3.10	1,519
Mould washers	5	1.54½	833	1,288	167	258	2.91	442
Pit cleaners	12	1.55	852	1,319	71	110	2.98	443
Pitmen	15	3.58½	3,003	10,762	200	717	10.50	1,025
Pitman and pusher	1	2.33	243	566	243	566	0.85	666
Pitman and pusher's helper	1	3.13½	190	596	190	596	0.66	897
Pitmen and sanders	2	2.91½	440	1,283	220	642	1.54	834
Pitmen and vessel cinders	2	3.06½	440	1,348	220	674	1.54	876
Pullers-down	6	1.62½	320	520	53	87	1.12	465
Pushers	4	2.82½	656	1,852	164	463	2.29	897
Pushers and sanders	2	2.15½	403	869	202	435	1.41	617
Pusher and test catcher	1	2.07	126	261	126	261	0.44	592
Pushers and vessel cinders	2	2.53	72	182	36	91	0.25	723
Pusher and vessel repairer	1	1.96½	111	218	111	218	0.39	562
Regulators	20	2.36	3,653	8,612	183	431	12.77	674
Regulator and test boy	1	1.67	219	366	219	366	0.77	478
Regulator and tester	1	1.68	277	466	277	466	0.97	481
Regulator and water boy	1	.88	25	22	25	22	0.09	252
Scrap stockers	4	1.80	136	245	34	61	0.48	515
Scrap stockers and scrappers	3	2.61½	538	1,408	179	469	1.88	748
Scrap wheelers	4	1.55	29	45	7	11	0.10	444
Scrappers	3	3.58½	436	1,564	145	521	1.52	1,026
Steel pourers	2	6.57½	460	3,024	230	1,512	1.61	1,880
Stopper carriers	2	5.05	459	2,317	230	1,159	1.60	1,444
Stopper carriers and stopper setters	5	3.45½	904	3,122	181	624	3.16	988
Stopper carrier and vessel cinder	1	2.94½	206	607	206	607	0.72	843
Stopper setters	2	5.08½	458	2,330	229	1,165	1.60	1,455
Stopper maker	1	2.10	358	751	358	751	1.25	600
Test boys	4	1.59	308	490	77	123	1.08	455
Test catchers	4	1.56	635	991	159	248	2.22	446
Vessel cinders	3	2.72	355	966	118	322	1.24	778
Vessel repairers	4	1.72	799	1,373	200	343	2.79	491
Vessel scrapers	5	2.11	449	947	90	189	1.57	603
Vesselmen	9	4.35½	1,814	7,901	202	878	6.34	1,246
Water boys	15	.65½	1,743	1,138	116	76	6.09	187
Water tenders	2	2.24½	514	1,155	257	578	1.80	643
Weighmasters	7	2.52	1,009	2,541	144	363	3.53	720
Weighmen	6	1.82	1,405	2,555	234	426	4.91	520

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

D.—Steel Ingots: 4 ESTABLISHMENTS IN 4 STATES—Continued.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Blacksmiths	5	$2.43½	924	$2,250	185	$450	2.95	$762
Blacksmiths and blacksmiths' helpers	8	1.91½	80	153	10	19	0.26	599
Blacksmith and laborer	1	1.33½	6	8	6	8	0.02	417
Blacksmiths' helpers	6	1.50	861	1,291	144	215	2.75	469
Blowers, baking fan	3	1.73½	458	794	153	265	1.46	543
Blowers, converter	2	2.79½	296	827	148	414	0.95	874
Boilermaker	1	2.24½	174	391	174	391	0.56	703
Bottom men	9	1.57	814	1,276	90	142	2.60	491
Bottom man and coal handler	1	1.66¼	3	5	3	5	0.01	522
Bottom man and masons' helper	1	1.45	20	29	20	29	0.06	454
Bottom man and stone handler	1	1.50	2	3	2	3	0.01	470
Bricklayers	12	3.85	40	154	3	13	0.13	1,205
Bricklayers' helpers	2	1.40	5	7	3	4	0.02	438
Carboneer	1	2.73½	15	41	15	41	0.05	856
Charger	1	2.46½	125	308	125	308	0.40	771
Cindermen	3	1.25½	421	529	140	176	1.35	393
Cleaner, office	1	1.00	16	16	16	16	0.05	313
Coal handlers	39	1.53	185	283	5	7	0.59	479
Coal wheelers	14	1.54½	459	709	33	51	1.47	483
Coal wheeler and fireman	1	1.43	7	10	7	10	0.02	447
Coal wheeler and iron handler	1	2.00	3	6	3	6	0.01	626
Coal wheeler and laborer	1	1.50	40	60	40	60	0.13	470
Coal wheeler and unloader	1	1.56¼	30	47	30	47	0.10	490
Coke handlers	6	1.79½	306	549	51	92	0.98	562
Coke wheelers	2	1.87½	262	491	131	246	0.84	587
Coke wheelers and laborers	2	1.86	339	630	170	315	1.08	582
Conductors	19	1.60½	921	1,476	48	78	2.94	502
Conductors and engineers	4	1.73	450	778	113	195	1.44	541
Conductor and fireman	1	1.70	10	17	10	17	0.03	532
Conductors and laborers	4	1.45½	274	399	69	100	0.88	456
Conductor and ladleman	1	2.09½	128	268	128	268	0.41	655
Conductor and mould cooler	1	1.66	124	206	124	206	0.40	520
Crane boys	2	1.14	247	282	124	141	0.79	357
Cranemen	2	1.10½	417	460	209	230	1.33	345
Cranemen, hydraulic	14	2.21	1,007	2,224	72	159	3.22	691
Cranemen, scrap	8	1.36½	171	233	21	29	0.55	426
Cranemen and laborers	2	1.49½	69	103	35	52	0.22	467
Cranemen and mould coolers	2	1.50	150	225	75	113	0.48	470
Cranemen and mouldmen	5	2.05	446	914	89	183	1.42	641
Craneman and oiler	1	1.49	65	97	65	97	0.21	467
Cranemen and runners	3	1.76	421	742	140	247	1.35	552
Crushers	3	1.34½	136	183	45	61	0.43	421
Doormen and laborers	2	2.05½	57	117	29	59	0.18	642
Driers	3	1.30½	343	447	114	149	1.10	408
Dropmen	2	1.51	188	284	94	142	0.60	473
Dumpers	10	1.31	1,403	1,835	140	184	4.48	409
Dumpers and iron handlers	3	1.50½	79	119	26	40	0.25	471
Dumper and laborer	1	1.30	10	13	10	13	0.03	407
Engineers	13	1.90	1,802	3,420	139	263	5.76	594
Engineers, locomotive	7	2.15	249	535	36	76	0.80	673
Engineers and laborers	4	1.51½	116	176	29	44	0.37	475
Engineer and rigger	1	1.91½	205	393	205	393	0.65	600
Fillers, cupola	2	2.35	259	609	130	305	0.83	736
Firemen	12	2.05	508	1,041	42	87	1.62	641
Fireman and laborer	1	1.50	2	3	2	3	0.01	470
Fireman and stocker	1	1.94	50	97	50	97	0.16	607
Fireman and vesselman	1	1.78	18	32	18	32	0.06	556

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

D.—Steel Ingots: 4 ESTABLISHMENTS IN 4 STATES—Continued.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Foremen	4	$4.55½	1,021	$4,651	255	$1,163	3.26	$1,426
Foremen, iron handlers	2	1.91½	456	874	228	437	1.46	600
Foreman, mixers	1	2.65	257	681	257	681	0.82	829
Foreman, stockers	1	4.07	138	562	138	562	0.44	1,275
Gasmakers	2	2.50	709	1,774	355	887	2.27	783
Gasmakers' helpers	4	1.61½	723	1,169	181	292	2.31	506
Hooker and laborer	1	2.00	24	48	24	48	0.08	626
Inspector	1	2.70½	61	165	61	165	0.19	847
Inspector, mould	1	1.25	192	240	192	240	0.61	391
Inspector, stock	1	2.20½	136	300	136	300	0.43	690
Iron handlers	61	1.65½	2,018	3,342	33	55	6.45	518
Iron handlers and laborers	15	1.45	354	513	24	34	1.13	454
Iron handler and screener	1	1.39	46	64	46	64	0.15	435
Iron handler and stocker	1	1.33½	3	4	3	4	0.01	417
Iron handlers and unloaders	6	1.48½	37	55	6	9	0.12	465
Laborers	310	1.46½	14,535	21,297	47	69	46.44	459
Laborer and ladle liner	1	1.97½	239	472	239	472	0.76	618
Laborers and ladlemen	2	1.74	50	87	25	44	0.16	545
Laborers and lifters	2	1.39½	338	471	169	236	1.08	436
Laborer and metal breaker	1	1.72½	11	19	11	19	0.04	541
Laborers and metal wheelers	4	2.44½	433	1,058	108	265	1.38	765
Laborers and mould cappers	2	2.32	118	274	59	137	0.38	727
Laborer and mouldman	1	1.67½	34	57	34	57	0.11	525
Laborers and oilers	2	1.43	228	326	114	163	0.73	448
Laborers and pit cleaners	2	1.48½	74	110	37	55	0.24	465
Laborer and pitmen's helper	1	1.42½	33	47	33	47	0.11	446
Laborer and pusher	1	2.14½	7	15	7	15	0.02	671
Laborer and regulator	1	1.50	20	30	20	30	0.06	470
Laborers and runners	2	1.69	13	22	7	11	0.04	530
Laborers and scrapmen	10	1.93	282	544	28	54	0.90	604
Laborers and stockers	3	1.53½	67	103	22	34	0.21	481
Laborers and unloaders	11	1.49½	362	542	33	49	1.16	469
Laborers and vessel cinders	2	2.09½	476	998	238	499	1.52	656
Laborer and vessel tender	1	1.45½	209	304	209	304	0.67	455
Laborer and weighman	1	1.61	252	406	252	406	0.81	504
Ladle stoppers	4	3.70	179	662	45	166	0.57	1,158
Ladlemen	14	2.41	1,716	4,136	123	295	5.48	754
Ladleman and mouldman	1	2.61½	80	209	80	209	0.26	818
Ladleman and pit cleaner	1	1.62	119	193	119	193	0.38	508
Ladleman and runner	1	1.66½	3	5	3	5	0.01	522
Ladlemen and scrap cleaners	2	1.61½	174	281	87	141	0.56	505
Ladlemen's helpers	3	1.32½	396	524	132	175	1.27	414
Ladlemen's helper and pitmen's helper	1	1.64½	277	455	277	455	0.88	514
Liftmen	3	1.37	492	674	164	225	1.57	429
Machinists	12	2.26	643	1,453	54	121	2.05	707
Machinists' helpers	4	1.24	33	41	8	10	0.11	389
Machinists' helper and oiler	1	1.31	29	38	29	38	0.09	410
Manganese heaters	2	1.44	292	420	146	210	0.93	450
Manganese heater and scrapman	1	1.47½	149	220	149	220	0.48	462
Masons	8	3.49½	119	416	15	52	0.38	1,094
Masons' helpers	8	1.51½	449	681	56	85	1.43	475
Master mechanic	1	3.49½	396	1,385	396	1,385	1.27	1,095
Mechanics	5	2.02½	1,418	2,869	284	574	4.53	633
Mechanics' helper	1	1.52	226	343	226	343	0.72	475
Melters	4	3.17	599	1,900	150	475	1.91	993
Melter and melters' helper	1	2.28½	282	645	282	645	0.90	716
Melter and scrapman	1	2.54	50	127	50	127	0.16	795
Melters' helpers	2	1.80½	337	609	169	305	1.08	536

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

D.—Steel Ingots: 4 ESTABLISHMENTS IN 4 STATES—Continued.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Mould coolers	8	$1.36	240	$326	30	$41	0.77	$425
Mould cooler and stocker	1	1.73	26	45	26	45	0.08	542
Mouldmen	26	2.99	2,772	8,288	107	319	8.86	936
Mouldman and scrap cleaner	1	2.59½	42	109	42	109	0.13	812
Mouldman and scrapman	1	1.98½	74	147	74	147	0.24	622
Oilers	6	1.36	483	656	81	109	1.54	425
Painters	3	1.58½	36	57	12	19	0.12	496
Panhouse men	9	1.37½	870	1,198	97	133	2.78	431
Panhouse man and scrapman	1	1.50	2	3	2	3	0.01	470
Pipefitters	4	1.81½	161	292	40	73	0.51	568
Pit cleaners	11	2.41	1,045	2,521	95	229	3.34	755
Pitmen	2	1.69½	526	892	263	446	1.68	531
Pitmen's helpers	10	1.37½	766	1,055	77	106	2.45	431
Pumpmen	7	1.55½	876	1,363	125	195	2.80	487
Riggers	3	1.75	52	91	17	30	0.17	548
Roofer	1	1.36½	79	108	79	108	0.25	428
Runners	10	2.39	623	1,488	62	149	1.99	748
Runner and scrap cleaner	1	1.70	20	34	20	34	0.06	532
Runner and slagman	1	1.92	25	48	25	48	0.0°	601
Runners and spiegel melters' helpers	2	2.42½	131	318	66	159	0.42	760
Scrap boys	7	.80	232	186	33	27	0.74	251
Scrap cleaners	25	1.37½	856	1,177	34	47	2.73	430
Scrap cleaner and spiegel melters' helper.	1	1.80	91	164	91	164	0.29	564
Scrap cleaners and stockers	2	1.81	265	480	133	240	0.85	567
Scrapmen	42	1.82½	837	1,528	20	36	2.67	571
Scrapmen and unloaders	2	1.80	10	18	5	9	0.03	563
Scrapmen and water carriers	3	1.62	21	34	7	11	0.07	507
Screeners	2	1.43	7	10	4	5	0.02	447
Slagmen	3	1.49½	213	318	71	106	0.68	467
Slurry mixers	4	1.34½	248	333	62	83	0.79	420
Steel pourers	2	3.14½	253	796	127	398	0.81	985
Stockers	51	1.85½	3,480	6,448	68	126	11.12	580
Stocker and unloader	1	1.66⅔	3	5	3	5	0.01	522
Stone breaker	1	1.82½	149	272	149	272	0.48	571
Stone wheelers	2	1.78½	235	419	118	210	0.75	558
Storekeepers	3	1.64	402	660	134	220	1.28	514
Sweeper	1	1.45½	147	214	147	214	0.47	456
Sweeper and water carrier	1	1.44½	9	13	9	13	0.03	452
Tappers, cupola	4	3.06½	499	1,530	125	383	1.59	960
Testers	2	2.05½	212	436	106	218	0.68	644
Transfermen	4	2.15	160	344	40	86	0.51	673
Unloaders	11	1.58½	216	342	20	31	0.69	496
Vessel tenders	7	1.40	209	293	30	42	0.67	439
Vesselmen	11	2.87½	1,586	4,559	144	414	5.07	900
Water carriers	7	1.36½	357	487	51	70	1.14	427
Water tenders	2	1.49½	278	416	139	208	0.89	468
Weighmen	3	1.80	407	733	136	244	1.30	564

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

D.—Steel Ingots: 4 ESTABLISHMENTS IN 4 STATES—Concluded.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 365 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Chemists	4	$4.69½	863	$4,052	216	$1,013	2.36	$1,714
Foreman	1	4.44	105	466	105	466	0.29	1,620
Foremen, converters	2	4.73	732	3,461	366	1,731	2.01	1,726
Foremen, laborers	2	3.10½	117	363	59	182	0.32	1,132
Janitors	2	.50½	111	56	56	28	0.30	184
Master mechanic	1	6.58½	319	2,100	319	2,100	0.87	2,403
Timekeeper	1	2.58	327	844	327	844	0.90	942
Watchmen	15	1.65½	955	1,579	64	105	2.62	603

E.—Steel Billets: 1 ESTABLISHMENT IN 1 STATE.

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Blacksmiths' helpers	2	$1.51½	290	$439	145	$220	0.93	$474
Boilermakers' helpers	2	1.66½	576	959	288	480	1.84	521
Carboneers	2	2.28	401	914	201	457	1.28	713
Carpenters	4	2.22½	651	1,449	163	362	2.08	697
Chargers	51	2.19	1,990	4,356	39	85	6.36	685
Charger and chipper	1	1.80	20	36	20	36	0.06	563
Charger and furnace helper	1	2.66½	3	8	3	8	0.01	835
Charger and guide	1	2.00	6	12	6	12	0.02	626
Chargers and heaters' helpers	4	2.14	564	1,206	141	302	1.80	669
Charger and hooker	1	2.71	195	528	195	528	0.62	848
Charger and laborer	1	1.54	50	77	50	77	0.16	482
Chargers and sweepers	2	1.66½	9	15	5	8	0.03	522
Chargers and tongsmen	2	2.09½	73	153	37	77	0.23	656
Charger and transmitter	1	2.11	186	392	186	392	0.59	660
Chippers	7	1.94	535	1,037	76	148	1.71	607
Chipper and masons' helper	1	1.84½	245	452	245	452	0.78	577
Cleaner, office	1	1.00	46	46	46	46	0.15	313
Conductors	9	1.50	930	1,396	103	155	2.97	470
Conductor and fireman	1	1.74	23	40	23	40	0.07	544
Conductor and oiler	1	1.39	51	71	51	71	0.16	436
Conductor and transmitter	1	1.57½	226	356	226	356	0.72	493
Cradlemen	2	1.94	198	384	99	192	0.63	607
Cradlemen and tablemen	2	1.67½	313	525	157	263	1.00	525
Cradleman and transmitter	1	2.00	183	366	183	366	0.58	626
Crane boy	1	1.00	3	3	3	3	0.01	313
Cranemen	3	1.74	507	883	169	294	1.62	545
Cutters	7	3.12½	1,126	3,520	161	503	3.60	978

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

E.—Steel Billets: 1 ESTABLISHMENT IN 1 STATE—Continued.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual earnings. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Door boys	24	$0.76½	2,247	$1,720	94	$72	7.18	$240
Door boy and table boy	1	.90	172	155	172	155	0.55	282
Door boy and transmitter	1	1.27	186	236	186	236	0.59	397
Dropmen	2	1.51⅓	33	50	17	25	0.11	474
Engineers	8	1.85⅓	448	831	56	104	1.43	581
Engineers, locomotive	16	2.13½	2,853	6,097	178	381	9.12	669
Firemen	9	2.05⅓	1,446	2,975	161	331	4.62	644
Foreman, chippers	1	3.88½	290	1,126	290	1,126	0.93	1,215
Foreman, laborers	1	3.81	282	1,074	282	1,074	0.90	1,192
Foremen, mill	2	5.22½	607	3,173	304	1,587	1.94	1,636
Forgers	2	1.80	5	9	3	5	0.02	563
Furnace helpers	2	2.33½	6	14	3	7	0.02	730
Guides	9	1.84	149	274	17	30	0.48	576
Guides and tongsmen	2	2.04	51	104	26	52	0.16	638
Guide and transmitter	1	2.04½	178	364	178	364	0.57	640
Hammer drivers	4	2.64	392	1,034	98	259	1.25	826
Heaters	13	2.94	2,372	6,971	182	536	7.58	920
Heaters' helpers	20	2.05⅓	2,980	6,124	149	306	9.52	643
Heaters' helper and hooker	1	2.48½	153	380	153	380	0.49	777
Heaters' helper and lighter-up	1	1.88½	88	166	88	166	0.28	590
Heaters' helper and tongsman	1	2.28	132	301	132	301	0.42	714
Heaters' helpers and transmitters	2	2.17½	189	411	95	206	0.60	681
Hookers	11	2.70½	1,148	3,104	104	282	3.67	846
Hookers, tumble	5	3.47	666	2,310	133	462	2.13	1,086
Hooker and screwman	1	2.27	107	243	107	243	0.34	711
Hookers and tongsmen	2	2.51⅓	310	779	155	390	0.99	787
Inspectors	2	2.32	28	65	14	33	0.09	727
Inspector and stamper	1	1.95	84	164	84	164	0.27	611
Inspector and weighman	1	1.93½	220	426	220	426	0.70	606
Laborers	44	1.25½	4,249	5,336	97	121	13.58	393
Levermen	5	2.30½	717	1,652	143	330	2.29	721
Lighter-up	1	1.00	143	143	143	143	0.46	313
Machinists	3	2.25½	975	2,200	325	733	3.12	706
Mail boys	2	.43	336	144	168	72	1.07	134
Masons	4	3.58	648	2,321	162	580	2.07	1,121
Masons' helpers	10	1.50	508	762	51	76	1.62	470
Oilers	2	1.42½	511	728	256	364	1.63	446
Painter	1	2.20	5	11	5	11	0.02	689
Pipe fitters	3	1.86	806	1,498	269	499	2.58	582
Riggers	2	1.50	299	449	150	225	0.96	470
Screwmen	5	2.47½	1,720	4,255	344	851	5.50	774
Stampers	3	2.38½	552	1,317	184	439	1.76	747
Storekeeper	1	1.80½	163	294	163	294	0.52	565
Storekeeper's helper	1	1.40	113	158	113	158	0.36	438
Sweepers	6	1.46	208	304	35	51	0.66	457
Table boys	4	1.28½	332	460	83	115	1.06	434
Tablemen	3	1.95½	226	442	75	147	0.72	612
Tableman and transmitter	1	1.83	136	249	136	249	0.43	573
Tongsmen	8	2.34	638	1,492	80	187	2.04	732
Tongsmen and transmitters	2	2.25½	248	559	124	280	0.79	706
Transferman	1	1.58½	36	57	36	57	0.12	496
Transmitters, car	9	2.19	809	1,773	90	197	2.58	686
Transmitters, hook	6	2.46	519	1,278	87	213	1.66	771
Transmitters, hydraulic	2	1.93½	229	443	115	222	0.73	605
Water carrier	1	1.36½	201	274	201	274	0.64	427
Water tenders	2	1.50	349	524	175	262	1.12	470
Weighmaster	1	2.27½	311	707	311	707	0.99	712
Weighmen	2	1.79	129	231	65	116	0.41	560

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

E.—Steel Billets: 1 ESTABLISHMENT IN 1 STATE.—Concluded.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 365 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Janitor	1	$0.49	379	$186	379	$186	1.04	$179
Watchmen	5	1.75	1,634	2,863	327	573	4.48	640

F.—Steel Blooms: 2 ESTABLISHMENTS IN 2 STATES.

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 286 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Ashmen	8	$1.67	961	$1,606	120	$201	3.36	$478
Blacksmiths	5	2.79	813	2,267	163	453	2.84	797
Blacksmiths' helpers	4	1.85	714	1,321	179	330	2.50	529
Brakemen	14	1.63	1,674	2,727	120	195	5.85	466
Brakeman, locomotive	1	1.64	267	438	267	438	0.93	469
Chargers	8	3.77	1,429	5,389	179	674	5.00	1,079
Charger and doorman	1	3.75	12	45	12	45	0.04	1,073
Chargers and drawers	13	2.75½	1,720	4,741	132	365	6.01	788
Charger and loader	1	2.19	154	337	154	337	0.54	626
Charger and scrap wheeler	1	2.56	50	128	50	128	0.17	732
Chargers' helpers	3	1.44	194	279	65	93	0.68	411
Cinder wheeler	1	1.59	260	414	260	414	0.91	455
Crane boys	4	1.92	455	873	114	218	1.59	549
Crane boy and door boy	1	1.13	163	184	163	184	0.57	323
Door boys	7	.85½	834	713	119	102	2.92	245
Doorman and hooker-up	1	2.91	137	399	137	399	0.48	833
Doorman and telegraphman	1	3.46⅔	99	343	99	343	0.35	991
Drawers	7	3.78⅔	1,578	5,974	225	853	5.52	1,083
Drawer and heaters' helper	1	2.99⅔	202	605	202	605	0.71	857
Engineers	8	2.99	1,415	4,228	177	529	4.95	855
Engineer, drop	1	1.59⅔	231	369	231	369	0.81	457
Engineers, locomotive	8	1.97	1,745	3,437	218	430	6.10	563
Engineer and machinist	1	2.89⅔	358	1,036	358	1,036	1.25	828
Firemen	28	1.83⅓	1,856	3,407	66	122	6.49	525
Fireman and firemen's helper	1	1.65	145	239	145	239	0.51	471
Firemen and laborers	11	1.71½	842	1,446	77	131	2.94	491
Firemen's helpers	4	1.55	191	296	48	74	0.67	443
Foremen, drop	2	1.77⅓	238	423	119	212	0.83	508
Foreman, drop, assistant	1	1.57½	224	353	224	353	0.78	451
Gasman	1	2.06	17	35	17	35	0.06	589
Gasman's helper	1	1.62½	16	26	16	26	0.06	465
Greasers	2	1.82	657	1,196	329	598	2.30	521
Heaters	7	5.92½	1,414	8,381	202	1,197	4.94	1,695

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

F.—Steel Blooms: 2 ESTABLISHMENTS IN 2 STATES—Continued.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 286 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Heaters' helpers	9	$3.98½	1,975	$7,869	219	$874	6.91	$1,140
Hookers-up	14	4.20½	2,404	10,112	172	722	8.41	1,203
Laborers, boiler	90	1.55⅓	3,300	5,133	37	57	11.54	445
Loaders	8	1.78	775	1,380	97	173	2.71	509
Metal breakers	15	1.86½	2,220	4,137	148	276	7.76	533
Mixers and mixers' helpers	5	1.83½	1,452	2,661	290	532	5.08	524
Oilers	8	1.63	951	1,551	119	194	3.33	466
Pump reversers	2	1.64	589	966	295	483	2.06	469
Repairer, cupola	1	2.49½	254	634	254	634	0.89	714
Roll hands	6	2.94	1,161	3,413	194	569	4.06	841
Roll hand and roller	1	3.98	275	1,094	275	1,094	0.96	1,138
Rollers	4	6.40	954	6,105	239	1,526	3.34	1,830
Scrap wheelers	5	2.19½	254	557	51	111	0.89	627
Scrap wheelers and shearmen's helpers	2	2.40	241	579	121	290	0.84	687
Shearmen	4	4.73½	947	4,483	237	1,121	3.31	1,354
Shearmen's helpers	21	3.21½	3,704	11,900	176	567	12.95	919
Steel loaders	11	1.89½	1,619	3,070	147	279	5.66	542
Stoppermaker	1	2.08½	267	557	267	557	0.93	597
Telegraphmen	2	3.66½	221	810	111	405	0.77	1,048
Water boys	3	.60	25	15	8	5	0.09	172
Water tenders	7	2.31	1,330	3,073	190	439	4.65	661
Weighmen	6	1.72	553	951	92	159	1.93	492

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Ashmen (with teams)	2	$2.11	535	$1,129	268	$565	1.71	$661
Bricklayer	1	2.50½	190	476	190	476	0.61	784
Bricklayers and laborers	2	1.73½	303	525	152	263	0.97	542
Carpenters	14	2.35⅔	1,365	3,216	98	230	4.36	737
Coal dumper	1	1.53	361	552	361	552	1.15	479
Door boy and laborer	1	1.00	15	15	15	15	0.05	313
Doormen and laborers	5	1.81½	219	398	44	80	0.70	569
Foremen, laborers	2	2.28½	701	1,601	251	801	2.24	715
Foreman, laborers, assistant	1	1.56	182	284	182	284	0.58	488
Foreman, scull breakers	1	2.25	311	700	311	700	0.99	705
Foreman, track	1	1.52½	120	183	120	183	0.38	477
Laborers	171	1.48½	17,129	25,462	100	149	54.73	465
Laborers, railroad	7	1.40	1,298	1,815	185	259	4.15	438
Laborers and metal breakers	3	1.58	263	415	88	138	0.84	494
Laborer and pressman	1	1.58	150	237	150	237	0.48	495
Laborer and scrap wheeler	1	1.68½	111	187	111	187	0.35	527

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

F.—Steel Blooms: 2 ESTABLISHMENTS IN 2 STATES—Concluded.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Laborer and water tender	1	$1.83½	60	$110	60	$110	0.19	$574
Machinists	17	2.28	3,452	7,874	203	463	11.03	714
Machinists' apprentice	1	1.00	94	94	94	94	0.30	313
Machinists' helpers	6	1.80½	680	1,226	113	204	2.17	564
Master machinists	2	3.32	425	1,412	213	706	1.36	1,040
Metal worker	1	3.00⅓	212	637	212	637	0.68	940
Metal worker and metal worker's helper	1	2.90⅓	151	439	151	439	0.48	910
Metal worker's helpers	2	2.75	490	1,348	245	674	1.57	861
Plumber	1	1.99⅓	320	639	320	639	1.02	625
Plumber's helper	1	1.51	363	548	363	548	1.16	473
Pressmen	3	3.02½	481	1,455	160	485	1.54	947
Pressmen's helpers	5	1.51	372	562	74	112	1.19	473
Scull breakers	5	1.50½	1,198	1,800	240	360	3.83	470
Yardman	1	2.26½	328	743	328	743	1.05	709

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 365 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Watchmen	3	$1.58	668	$1,055	223	$352	1.83	$576

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

G.—Mixed Iron and Steel: 9 ESTABLISHMENTS IN 6 STATES.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 286 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Alley men	2	$1.75¼	411	$722	206	$361	1.44	$502
Assistants at furnace	4	1.82	485	882	121	221	1.70	520
Bloom boy	1	1.50⅝	234	352	234	352	0.82	430
Bloom tossers	4	1.70	477	811	119	203	1.67	486
Catchers	6	5.83	786	4,581	131	764	2.75	1,667
Catchers' helpers	2	3.18	411	1,308	206	654	1.44	910
Chargers	4	1.72	1,287	2,215	322	554	4.50	492
Chargers and pilers	8	1.67	887	1,481	111	185	3.10	478
Cinder wheelers	13	1.65½	1,602	2,650	123	204	5.60	473
Cindermen	15	1.80½	1,453	2,621	97	175	5.08	516
Drag-downs	2	1.69½	238	404	119	202	0.83	485
Drag-outs	14	1.94⅝	2,204	4,289	157	306	7.71	557
Finishers	2	3.65½	411	1,502	206	751	1.44	1,045
Foreman, puddlers	1	4.09	286	1,170	286	1,170	1.00	1,170
Heaters	13	6.43½	2,467	15,874	190	1,221	8.63	1,840
Heaters' helpers	3	1.14½	546	626	182	209	1.91	323
Heavers-up	4	1.89	487	920	122	230	1.70	540
Helpers	37	1.77½	3,103	5,505	84	149	10.85	507
Hookers-up	19	1.66⅔	2,719	4,533	143	239	9.51	477
Poke-ins	7	1.62½	1,463	2,378	209	340	5.12	465
Puddlers	190	2.79½	24,333	67,965	128	358	85.08	799
Puddlers, boss	3	2.74	873	2,390	291	797	3.05	783
Puddlers' helpers	190	1.72	24,340	41,823	128	220	85.10	491
Pullers-up	3	1.24½	159	198	53	66	0.56	356
Pullers-up (boys)	6	0.43	535	257	89	43	1.87	137
Roll turner	1	8.48½	280	2,376	280	2,376	0.98	2,427
Rollers	18	7.30½	3,370	24,623	187	1,368	11.78	2,090
Rollers' helpers	2	2.50	260	650	130	325	0.91	715
Roughers	18	3.11	4,233	13,168	235	732	14.80	890
Roughers' helpers	7	1.72	139	239	20	34	0.49	492
Roughers-down	4	4.08½	505	2,062	126	516	1.77	1,168
Roughers-up	6	3.87	837	3,238	140	540	2.93	1,106
Sawyers	6	1.58	1,152	1,790	189	298	3.96	452
Scrap wheeler	1	1.50½	389	586	389	586	1.36	431
Scrapers	11	1.43	2,233	3,194	203	290	7.81	409
Shearmen	33	1.87	6,593	12,336	200	374	23.05	535
Shearmen's helper	1	1.00	121	121	121	121	0.42	286
Shove-unders	2	1.62½	8	13	4	7	0.03	465
Stockers	2	2.06½	484	1,000	242	500	1.69	591
Stocker, boss	1	4.21½	265	1,117	265	1,117	0.93	1,206
Straighteners	37	1.16	4,044	4,690	109	127	14.14	332
Weighmen	3	1.70½	858	1,463	286	488	3.00	488

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

G.—Mixed Iron and Steel: 9 ESTABLISHMENTS IN 6 STATES—Continued.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Acidman	1	$1.50	292	$438	292	$438	0.93	$470
Ashmen	24	1.50½	1,961	2,949	82	123	6.27	471
Ashmen and firemen	2	1.45	248	359	124	180	0.79	453
Ashman and stoker	1	1.25	16	20	16	20	0.05	391
Axle hammermen	4	4.09	257	1,051	64	263	0.82	1,280
Axle hammerman and blacksmith	1	3.59	56	201	56	201	0.18	1,123
Axle hammermen's helpers	7	1.84½	354	654	51	93	1.13	578
Billet wheeler and drag-out	1	1.68	153	257	153	257	0.49	526
Blacksmiths	28	2.80½	5,383	15,099	192	539	17.20	878
Blacksmith and blacksmiths' helper	1	1.98	46	91	46	91	0.15	619
Blacksmiths' helpers	42	1.60	7,032	11,234	167	267	22.47	500
Blacksmiths' helper and catcher	1	1.37½	212	291	212	291	0.68	430
Blacksmiths' helper and oiler	1	1.53	68	104	68	104	0.22	479
Boiler cleaner	1	1.00	136	136	136	136	0.43	313
Boiler tenders	5	1.71½	1,713	2,942	343	588	5.47	538
Boiler tender and engineer	1	1.80½	234	436	234	436	0.75	583
Boilermakers	4	2.33	691	1,609	173	402	2.21	729
Boilermakers' helper	1	1.00	228	228	228	228	0.73	313
Boilermen	5	1.74	806	1,401	161	280	2.58	544
Boilermen and gasmen	2	1.71½	356	610	178	305	1.14	536
Boilerman and painter	1	2.21	24	53	24	53	0.08	691
Bolt cutters	11	1.38½	1,440	1,997	131	182	4.60	434
Bolt packers	2	.88	527	465	264	233	1.68	276
Brakeman	1	1.81	309	559	309	559	0.99	566
Brander	1	1.70½	302	515	302	515	0.96	534
Bricklayers	24	3.56½	1,458	5,195	61	216	4.66	1,115
Bricklayers' helpers	13	1.72½	2,038	3,517	157	271	6.51	540
Buggy-offs	3	1.50	293	439	98	146	0.94	469
Buggymen	9	1.77½	828	1,469	92	163	2.65	555
Buggyman and heaters' helper	1	1.83⅓	12	22	12	22	0.04	574
Bundlers	3	1.72	681	1,172	227	391	2.18	539
Bundler and laborer	1	1.63½	226	369	226	369	0.72	511
Bundlers and shippers	5	1.25	1,256	1,569	251	314	4.01	391
Call boy	1	1.37½	276	380	276	380	0.88	431
Callers	2	1.54	723	1,113	362	557	2.31	482
Carpenters	42	2.41½	3,988	9,639	95	230	12.74	757
Carpenters' helper	1	1.25	128	160	128	160	0.41	391
Cartmen	2	1.35½	387	525	194	263	1.24	425
Cartmen's helper	1	1.12½	300	338	300	338	0.96	353
Catchers	49	2.35½	5,671	13,369	116	273	18.12	738
Catcher and drag-out	1	1.48½	161	239	161	239	0.51	465
Catcher and drawer-back	1	1.36½	80	109	80	109	0.26	426
Catchers and hookers	3	1.64	359	588	120	196	1.15	513
Catcher and hooker-up	1	1.41	205	289	205	289	0.65	441
Catchers and laborers	8	1.55½	685	1,066	86	133	2.19	487
Catchers and roughers	9	2.47	1,171	2,890	130	321	3.74	772
Catchers and straighteners	2	1.97½	386	763	193	382	1.23	619
Chargers	23	1.46½	1,040	1,526	45	66	3.32	459
Charger and heater	1	4.52½	173	783	173	783	0.55	1,417
Chargers and heaters' helpers	2	1.26½	133	168	67	84	0.42	395
Chargers and laborers	4	1.37½	213	293	53	73	0.68	431
Cinder boys	5	.75	595	447	119	89	1.90	235
Cinder wheelers	6	1.70½	417	712	70	119	1.33	534
Cindermen	17	1.29½	1,830	2,371	108	139	5.85	406
Cindermen and laborers	2	1.20	268	321	134	161	0.86	375
Cleaner	1	1.50	236	354	236	354	0.75	470
Cleaner, office	1	.57½	313	180	313	180	1.00	180
Coal wheelers	15	1.37	1,917	2,626	128	175	6.12	429

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

G.—Mixed Iron and Steel: 9 ESTABLISHMENTS IN 6 STATES—Continued.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Coke wheeler	1	$1.00	265	$265	265	$265	0.85	$313
Counters	4	1.27½	443	564	111	141	1.42	398
Cranemen	6	1.85½	1,104	2,049	184	342	3.53	581
Craneman and laborer	1	1.59	68	108	68	108	0.22	497
Croppers	7	1.44	727	1,048	104	150	2.32	451
Croppers and laborers	2	1.80½	394	711	197	356	1.26	565
Dippers	6	2.36½	1,789	4,233	298	706	5.72	741
Dipper and laborer	1	1.94½	283	550	283	550	0.90	608
Door boys	20	.64½	1,623	1,045	81	52	5.19	202
Door boy and lay-over	1	.68½	67	46	67	46	0.21	215
Door boys and stampers	2	.64	174	111	87	56	0.56	200
Doublers	18	1.71	3,211	5,492	178	305	10.26	535
Doubler, sheet	1	.94	33	31	33	31	0.11	294
Drag-backs	2	1.00	65	65	33	33	0.21	313
Drag-downs	6	2.36	565	1,310	93	218	1.77	739
Drag-down and heater	1	2.61	110	287	110	287	0.35	817
Drag-outs	12	1.82½	1,684	3,074	140	256	5.38	571
Drag-outs and lay-overs	2	1.19½	244	291	122	146	0.78	373
Drawers	13	1.63½	1,817	2,968	140	228	5.81	511
Drawer-back	1	1.36½	253	345	253	345	0.81	427
Drawer-back and scraper	1	1.16	237	275	237	275	0.76	363
Drill-grinder	1	1.83½	12	22	12	22	0.04	574
Drill-grinder's helper	1	1.18	11	13	11	13	0.04	370
Drivers	2	1.62	747	1,210	374	605	2.39	507
Dumper	1	1.23½	85	105	85	105	0.27	387
Dumper and heaters' helper	1	1.47½	105	155	105	155	0.34	462
Engineers	47	2.19	10,864	23,803	231	506	34.71	686
Engineers, axle hammer	4	1.93	220	425	55	106	0.70	605
Engineers, chief	2	4.06	627	2,546	314	1,273	2.00	1,271
Engineers, locomotive	6	2.70½	1,151	3,115	192	519	3.68	847
Engineers, machine shop	2	1.76½	312	551	156	276	1.00	553
Engineers, rolls	6	2.03½	1,902	3,873	317	646	6.08	637
Engineer, shape hammer	1	3.07½	304	935	304	935	0.97	963
Engineers and laborers	2	1.61	133	214	67	107	0.42	504
Engineers and machinists	2	1.78	363	646	182	323	1.16	557
Engineer and roller	1	2.00	4	8	4	8	0.01	626
Fagotmakers	2	2.03	65	132	33	66	0.21	636
Fillers	48	1.63	8,277	13,489	172	281	26.44	510
Fillers and laborers	2	1.54½	392	606	196	303	1.25	484
Filler and masons' helper	1	1.46½	28	41	28	41	0.09	458
Firemen	33	1.65½	6,462	10,698	196	324	20.65	518
Firemen, axle hammer	7	1.81	509	922	73	132	1.63	567
Firemen, boiler	36	1.85½	3,867	7,170	107	199	12.35	580
Fireman, furnace	1	4.71	291	1,371	291	1,371	0.93	1,475
Firemen, gas house	45	1.35	6,327	8,545	141	190	20.21	423
Firemen, locomotive	4	1.52½	569	867	142	217	1.82	477
Fireman, shape hammer	1	1.93½	283	548	283	548	0.90	606
Fireman and foreman	1	1.94	293	568	293	568	0.94	607
Fireman and hooker-up	1	1.59½	47	75	47	75	0.15	499
Firemen and laborers	9	1.46½	1,112	1,628	124	181	3.55	458
Fireman and shearman	1	1.43	205	293	205	293	0.65	447
Fireman and stocker	1	1.25	52	65	52	65	0.17	391
Firemen and water tenders	2	1.76½	655	1,155	328	578	2.09	552
Foremen	7	2.86	1,714	4,901	245	700	5.48	895
Foremen, blacksmiths	2	4.24	615	2,607	308	1,304	1.96	1,327
Foremen, boiler	2	1.99	448	892	224	446	1.43	623
Foreman, bricklayers	1	4.31½	313	1,350	313	1,350	1.00	1,350

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

G.—Mixed Iron and Steel: 9 ESTABLISHMENTS IN 6 STATES—Continued.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Foreman, coke oven	1	$2.75	290	$797	290	$797	0.93	$860
Foremen, laborers	6	2.24½	1,438	3,225	240	538	4.59	702
Foremen, machinists	2	3.20½	643	2,060	322	1,030	2.05	1,003
Foremen, mill	2	7.06	626	4,420	313	2,210	2.00	2,210
Foreman, scrap pilers	1	2.65½	231	613	231	613	0.74	831
Foreman, shear room	1	4.25	306	1,300	306	1,300	0.98	1,330
Foreman, yard	1	2.40	345	859	345	859	1.10	779
Foreman and heater	1	4.43½	307	1,362	307	1,362	0.98	1,389
Forge cleaners	3	1.29	844	1,088	281	363	2.70	403
Gasmakers	10	1.60½	1,405	2,258	141	226	4.49	503
Gasmaker and hammerman	1	3.01½	63	190	63	190	0.20	944
Gasmaker and heaters' helper	1	2.40	105	252	105	252	0.34	751
Gasmaker and laborer	1	1.38½	26	36	26	36	0.08	433
Gatemen	8	1.30	2,205	2,865	276	358	7.04	407
Greasers	2	1.46½	99	145	50	73	0.32	458
Hammer drivers	3	1.63	829	1,353	276	451	2.65	511
Hammerman	1	5.52	230	1,270	230	1,270	0.73	1,728
Hammerman and heaters' helper	1	1.45½	275	400	275	400	0.88	455
Hammerman and laborer	1	1.40	263	368	263	368	0.84	438
Hammerman's helpers	3	1.72	464	798	155	266	1.48	538
Hammerman's helpers and laborers	2	2.04	263	537	132	269	0.84	639
Headers	4	1.99½	674	1,345	169	336	2.15	625
Heaters	82	3.57	13,704	48,931	167	597	43.78	1,118
Heaters and heaters' helpers	6	3.98	1,022	4,068	170	678	3.27	1,246
Heaters and laborers	3	2.06	572	1,177	191	392	1.83	644
Heaters' helpers	69	2.11	7,952	16,787	115	243	25.41	661
Heaters' helpers and laborers	9	1.77½	1,157	2,051	129	228	3.70	555
Heaters' helpers and pilers	2	1.79	460	823	230	412	1.47	560
Heaters' helper and puddlers' helper	1	2.15½	141	304	141	304	0.45	675
Heaters' helper and scrappers' helper	1	1.10½	75	83	75	83	0.24	346
Helpers and laborers	2	1.70½	142	242	71	121	0.45	533
Hookers	33	1.38½	2,540	3,521	77	107	8.12	434
Hookers and laborers	3	1.51½	179	271	60	90	0.57	474
Hooker and rougher	1	1.50	2	3	2	3	0.01	470
Hooker and rougher-down	1	2.29½	101	232	101	232	0.32	719
Hookers and straighteners	4	1.01½	564	573	141	143	1.80	318
Hookers-in	7	2.07½	1,245	2,583	178	369	3.98	649
Hookers-out	4	1.95½	258	505	65	126	0.82	613
Hooker-out and laborer	1	1.44	91	131	91	131	0.29	451
Hookers-up	31	1.72	4,168	7,164	134	231	13.32	538
Hookers-up and laborers	3	1.23	294	362	98	121	0.94	385
Hooker-up and piler	1	1.55½	9	14	9	14	0.03	487
Hookers-up and roughers	3	2.01½	437	881	146	294	1.40	631
Hooker-up and straightener	1	1.50	198	297	198	297	0.63	470
Iron tester	1	1.92½	145	279	145	279	0.46	602
Iron tester and stoker	1	1.66½	212	353	212	353	0.68	521
Janitor	1	1.35	308	416	308	416	0.98	423
Keeper-up and lighter-up	1	2.11½	313	662	313	662	1.00	662
Laborers	2,202	1.30½	146,354	190,894	66	87	467.58	408
Laborers (boys)	138	.81	8,206	6,656	59	48	26.22	254
Laborer and mason	1	1.54	13	20	13	20	0.04	482
Laborer and masons' helper	1	1.39½	314	438	314	438	1.00	437
Laborer and moulder	1	1.46	119	174	119	174	0.38	458
Laborer and ore crusher	1	1.47½	266	393	266	393	0.85	462
Laborer and piler	1	1.53½	41	63	41	63	0.13	481
Laborer and pipe fitter	1	1.51½	101	153	101	153	0.32	474
Laborers and platemen	3	1.42½	97	138	32	46	0.31	445
Laborers and puddlers' helpers	3	1.62½	147	239	49	80	0.47	509
Laborers and punchers	2	1.89½	266	504	133	252	0.85	593
Laborer and reverser	1	1.59½	227	362	227	362	0.73	499

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

G.—Mixed Iron and Steel: 9 ESTABLISHMENTS IN 6 STATES—Continued.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Laborers and rollers	2	$2.24	33	$74	17	$37	0.11	$702
Laborer and rougher-down	1	2.26½	34	77	34	77	0.11	709
Laborers and shearmen	3	1.35	636	858	212	286	2.03	422
Laborers and stockers	3	1.39½	193	269	64	90	0.62	436
Laborers and straighteners	6	1.68	982	1,651	164	275	3.14	526
Laborer and switchman	1	1.77	306	542	306	542	0.98	554
Laborer and telegraphman	1	1.55½	220	342	220	342	0.70	487
Laborer and water tender	1	1.59½	27	43	27	43	0.09	498
Laborer and weighman	1	1.67½	170	285	170	285	0.54	525
Lathemen	2	1.61½	535	864	268	432	1.71	505
Lay-overs	5	1.38	446	616	89	123	1.42	432
Lay-over and puncher	1	.84½	77	65	77	65	0.25	264
Lever boys	2	1.42½	562	800	281	400	1.80	446
Machinists	81	2.34½	13,419	31,471	166	389	42.87	734
Machinist and puncher	1	2.70	265	715	265	715	0.85	845
Machinists' helpers	25	1.28	2,960	3,782	118	151	9.46	400
Masons	20	3.21½	1,687	5,420	84	271	5.39	1,006
Masons' helpers	25	1.46½	2,243	3,286	90	131	7.17	459
Master mechanic	1	3.26	215	701	215	701	0.69	1,021
Matchers	12	1.80	2,416	4,344	201	362	7.72	563
Mauler and puncher	1	1.42	81	115	81	115	0.26	444
Metal breakers	15	1.83½	850	1,560	57	104	2.72	574
Millwrights	6	3.03	1,288	3,904	215	651	4.12	949
Millwrights' assistants	4	1.87½	1,098	2,057	275	514	3.51	586
Nut dresser	1	1.45½	101	147	101	147	0.32	456
Nut tappers	2	1.56½	87	136	44	68	0.28	489
Office boys	2	.42	312	131	156	66	1.00	131
Oilers	5	1.41½	881	1,247	176	249	2.81	443
Oiler and puddlers' helper	1	1.54½	191	295	191	295	0.61	483
Oil-room hands	2	1.76	521	917	261	459	1.66	551
Ore grinders	2	1.59	688	1,094	344	547	2.20	498
Ore wheeler	1	1.77	278	492	278	492	0.89	554
Packers	2	1.08½	268	291	134	146	0.86	340
Patternmakers	3	2.59½	643	1,669	214	556	2.05	812
Picklers	4	1.74	1,598	2,779	400	695	5.11	544
Picklers' helpers	6	1.55	1,651	2,558	275	426	5.27	485
Pilers	39	1.45½	5,793	8,423	149	216	18.51	455
Piler and puncher	1	1.33½	3	4	3	4	0.01	417
Pin pointers	8	.75	823	619	103	77	2.63	235
Pipe fitters	4	2.25	654	1,472	164	368	2.09	704
Pipe-line boss	1	2.48	131	325	131	325	0.42	777
Pitman	1	1.35	283	382	283	382	0.90	422
Platemen	26	1.64½	3,154	5,191	121	200	10.08	515
Plateman and straightener	1	1.18	50	59	50	59	0.16	369
Policemen	16	1.46½	2,521	3,696	158	231	8.05	459
Porter	1	1.48	356	527	356	527	1.14	463
Puddlers	14	4.08½	2,021	8,251	144	589	6.46	1,278
Puddler and puddlers' helper	1	3.20½	204	654	204	654	0.65	1,003
Puddlers' helpers	19	2.17	2,100	4,561	111	240	6.71	680
Puddlers' helper and rougher-up	1	2.20	86	189	86	189	0.27	688
Puddlers' helper and shearmen's helper	1	1.54	74	114	74	114	0.24	482
Pullers-down	10	1.63	1,888	3,074	189	307	6.03	510
Pullers-out	9	1.43	1,122	1,603	125	178	3.58	447
Puller-out and rougher	1	1.77	153	271	153	271	0.49	554
Pullers-up	9	.97½	1,276	1,241	142	138	4.08	304
Pumpmen	2	1.62½	8	13	4	7	0.03	509
Punchers	47	1.23	2,508	3,084	53	66	8.01	385
Puncher and straightener	1	1.73	97	168	97	168	0.31	542
Reversers	9	1.16½	1,252	1,459	139	162	4.00	365
Rigger	1	1.69½	66	112	66	112	0.21	531

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

C.—Mixed Iron and Steel: 9 ESTABLISHMENTS IN 6 STATES—Continued.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Roll cleaners	2	$1.23	522	$642	261	$321	1.67	$385
Roll turners	10	4.60	2,277	10,475	228	1,048	7.27	1,440
Roll turners' helper	1	1.41	148	209	148	209	0.47	442
Rollers	34	5.72½	5,368	30,743	158	904	17.15	1,793
Roller and rougher-down	1	3.30½	206	681	206	681	0.66	1,035
Roller and weighman	1	2.48	252	625	252	625	0.81	776
Rollers' helpers	12	2.34	1,908	4,462	159	372	6.10	732
Rollers' helpers and roughers	2	2.41	238	573	119	287	0.76	754
Roughers	56	2.91½	5,269	15,189	93	271	16.64	913
Rougher and rougher-down	1	1.98	137	271	137	271	0.44	619
Roughers and stickers-in	2	1.81½	147	267	74	134	0.47	569
Roughers-down	17	3.44	2,278	7,833	134	461	7.28	1,076
Roughers-down and straighteners	2	3.00	446	1,337	223	669	1.42	938
Roughers-up	24	3.08	2,786	8,578	116	357	8.90	964
Rougher-up and straightener	1	1.65	164	271	164	271	0.52	517
Runner	1	2.49	307	765	307	765	0.98	780
Scrap boys	14	.88½	2,384	2,108	170	151	7.62	277
Scrap pilers	2	2.07	194	402	97	201	0.62	649
Scrap piler and scrapper	1	2.01	242	487	242	487	0.77	630
Scraper	1	.99	118	117	118	117	0.38	310
Scrappers	2	3.39½	129	438	65	219	0.41	1,063
Scrapper and scrappers' helper	1	1.83	53	97	53	97	0.17	573
Scrappers' helpers	4	1.41	34	48	9	12	0.11	442
Shape hammerman	1	8.02½	366	2,456	366	2,456	0.98	2,512
Shape hammerman's helpers	2	2.16½	602	1,302	301	651	1.92	677
Shearmen	57	1.60	8,982	14,359	158	252	28.70	500
Shearman and shearmen's helper	1	1.49½	176	263	176	263	0.56	468
Shearmen's helpers	6	1.52½	1,472	2,247	245	375	4.79	478
Sheet floormen	2	1.50	149	673	225	337	1.43	469
Shippers	17	1.95	3,962	7,727	233	455	12.66	610
Shippers' helper	1	1.64½	28	46	28	46	0.09	514
Shovellers	5	1.37	402	551	80	110	1.28	429
Slotters	4	1.91½	264	505	66	126	0.84	599
Squeezer	1	1.25½	118	148	118	148	0.38	393
Stampers	4	.69½	347	242	87	61	1.11	218
Stickers-in	17	1.46½	989	1,448	58	85	3.16	458
Stockers	41	1.42½	5,275	7,515	129	183	16.85	446
Stocker, boss	1	2.50	202	505	202	505	0.65	783
Stokers	23	1.29½	3,129	4,056	136	176	10.00	406
Storekeeper	1	1.45	295	428	295	428	0.94	454
Straighteners	77	1.25	7,666	9,586	100	124	24.49	391
Straightener and water boy	1	1.59½	67	107	67	107	0.21	500
Swarf wheelers	3	.73	71	52	24	17	0.23	229
Sweepers	8	1.35	1,496	2,023	187	253	4.78	423
Switchmen	12	2.34	1,218	2,851	102	238	3.89	733
Teamsters	18	1.34	1,530	2,047	85	114	4.89	419
Teamsters (with teams)	2	2.96	444	1,314	222	657	1.42	926
Telegraphmen	11	1.80½	1,309	2,365	119	215	4.18	566
Timekeepers	4	2.38½	888	2,117	222	529	2.84	746
Timekeeper and yardmaster	1	2.32½	313	727	313	727	1.00	727
Trackmen	6	1.43	799	1,141	133	190	2.55	447
Warehousemen	6	1.54	1,428	2,201	238	367	4.56	482
Watchmen	14	1.65	3,220	5,317	230	380	10.29	517
Water boys	11	1.16	1,128	1,307	103	119	3.60	363
Water tenders	10	1.99½	2,597	5,180	260	518	8.30	624
Water-gate man	1	.74	46	34	46	34	0.15	231
Weighmasters	3	1.70½	767	1,309	256	436	2.45	534
Weighmen	13	1.67½	2,051	3,432	158	264	6.55	524
Wheelman	1	1.58½	240	380	240	380	0.77	496
Yardmasters	2	2.30	540	1,241	270	621	1.73	719
Yardmen	16	.76	1,153	874	72	55	3.68	237

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

G.—Mixed Iron and Steel: 9 ESTABLISHMENTS IN 6 STATES—Concluded.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 365 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Foremen, gashouse	4	$2.29½	1,203	$2,761	301	$690	3.30	$838
Stablemen	4	1.40	357	500	89	125	0.98	511
Watchmen	4	1.76	1,468	2,587	367	647	4.02	643

H.—Bituminous Coal: 10 ESTABLISHMENTS IN 4 STATES.

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Blacksmiths	27	$2.18	4,713	$10,278	175	$381	15.06	$683
Blacksmiths' helpers	28	1.24⅓	1,618	2,015	58	72	5.17	390
Blacksmiths' helpers and haulers	2	1.13	116	131	58	66	0.37	353
Blacksmiths' helper and pipe-fitter	1	1.83	213	390	213	390	0.68	573
Blasters	11	2.01	394	792	36	72	1.26	629
Blaster and driller	1	2.10	129	271	129	271	0.41	658
Blasters and loaders	4	1.98	246	487	62	122	0.79	620
Blaster and watchman	1	1.77	169	299	169	299	0.54	554
Cagemen	8	1.79	936	1,674	117	209	2.99	560
Cageman and driver	1	1.92⅓	163	314	163	314	0.52	603
Cagemen and loaders	2	1.90	289	549	145	275	0.92	595
Carpenters	65	1.84⅓	4,648	8,564	72	132	14.85	577
Carpenter and dumper	1	1.57⅓	193	304	193	304	0.62	493
Carpenter and laborer	1	1.32⅓	37	49	37	49	0.12	415
Carpenters and miners	3	1.74⅓	121	211	40	70	0.39	546
Carpenter and rockman	1	2.11	9	19	9	19	0.03	661
Carpenters' helper	1	1.49	55	82	55	82	0.18	467
Civil engineers	5	1.78	45	80	9	16	0.14	556
Cutters	13	2.35⅓	1,212	2,857	93	220	3.87	738
Cutters and cutters' helpers	3	2.04⅓	421	860	140	287	1.35	639
Cutters' helpers	15	1.83	905	1,654	60	110	2.89	572
Cutters' helper and driver	1	1.53	141	216	141	216	0.45	479
Cutters' helpers and loaders	5	1.87⅓	309	580	62	116	0.99	588
Drillers	9	1.26⅔	303	383	34	43	0.97	396
Driller and trapper	1	1.14	29	33	29	33	0.09	356
Drivers	138	1.87	13,216	24,703	96	179	42.22	585
Driver, boss	1	2.29⅓	289	663	289	663	0.92	718
Driver and flagman	1	1.03⅓	146	151	146	151	0.47	324
Driver and hooker-on	1	1.26⅓	171	216	171	216	0.55	395
Drivers and loaders	2	1.51½	176	267	88	134	0.56	475
Driver and miner	1	2.02	92	186	92	186	0.29	633
Driver and slag hauler	1	1.43	79	113	79	113	0.25	448

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

II.—Bituminous Coal: 10 ESTABLISHMENTS IN 4 STATES—Continued.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Driver and trapper	1	$0.63½	142	$90	142	$90	0.45	$198
Dumpers	25	1.49	2,803	4,178	112	167	8.96	467
Dumper, boss	1	2.20½	208	459	208	459	0.66	691
Dumper and loader	1	1.43½	83	119	83	119	0.27	449
Dumper and oiler	1	1.29	134	173	134	173	0.43	404
Dumper and trimmer	1	1.75½	82	144	82	144	0.26	550
Engineers	12	1.96	2,132	4,183	178	349	6.81	614
Engineers, hoisting	2	2.00½	420	842	210	421	1.34	627
Engineer and fireman	1	1.72	317	545	317	545	1.01	538
Entrymen	59	1.56½	736	1,150	12	19	2.35	489
Entrymen and haulers	5	1.47	261	384	52	77	0.83	461
Entrymen and miners	3	1.87½	162	304	54	101	0.52	587
Entryman and water boiler	1	.67½	62	42	62	42	0.20	212
Fanmen	4	1.52	483	733	121	183	1.54	475
Fanman and weighman	1	1.68	194	326	194	326	0.62	526
Fire bosses	2	2.05	612	1,255	306	628	1.96	642
Fireman	1	1.69	263	444	263	444	0.84	528
Fireman and watchman	1	1.42	301	428	301	428	0.96	445
Foremen	2	3.10	626	1,940	313	970	2.00	970
Foreman, haulers	1	2.22	235	522	235	522	0.75	695
Foremen, laborers	7	1.55½	1,325	2,061	189	294	4.23	487
Grader, track	1	1.51	67	101	67	101	0.21	472
Greasers	2	.81½	230	187	115	94	0.73	254
Haulers	152	1.25	5,827	7,274	38	48	18.62	391
Haulers and laborers	11	1.17	922	1,078	84	98	2.95	366
Haulers and miners	25	1.80	2,016	3,633	81	145	6.44	564
Hauler and switchman	1	1.50	2	3	2	3	0.01	470
Haulers and tracklayers	3	2.06	604	1,243	201	414	1.93	644
Hauler and trammer	1	2.15	241	518	241	518	0.77	673
Hauler and trimmer	1	1.49½	69	103	69	103	0.22	467
Hauler and water boiler	1	.55	62	34	62	34	0.20	172
Hookers-on	6	1.24	423	525	71	88	1.35	388
Hostler	1	1.49	116	173	116	173	0.37	467
Laborers	289	1.37	8,933	12,234	31	42	28.54	429
Laborers, surface	8	1.38½	132	183	17	23	0.42	434
Laborers, underground	12	1.91½	107	205	9	17	0.34	600
Laborer and loader	1	1.62	131	212	131	212	0.42	507
Laborers and miners	18	1.68	936	1,572	52	87	2.99	526
Laborer and tram car repairer	1	1.34½	75	101	75	101	0.24	422
Laborer and trammer	1	1.66½	21	35	21	35	0.07	522
Laborers and trappers	3	.86½	291	252	97	84	0.93	271
Loaders	67	1.86	2,497	4,650	37	69	7.98	583
Loader and teamster	1	1.68	78	131	78	131	0.25	526
Loaders and timbermen	4	1.96½	169	332	42	83	0.54	615
Loader and trapper	1	1.31½	143	188	143	188	0.46	411
Loader and watchman	1	1.69	26	44	26	44	0.08	530
Machinists	3	1.88	33	62	11	21	0.11	588
Masons	4	2.61½	13	34	3	9	0.04	819
Mechanic	1	2.60	5	13	5	13	0.02	814
Mine bosses	3	2.17	566	1,207	185	402	1.78	679
Miners	1,096	2.07½	74,219	153,988	68	141	237.12	649
Miners and tracklayers	2	2.10	120	252	60	126	0.38	657
Miners and trappers	2	1.70½	88	150	44	75	0.28	534
Miner and water hauler	1	1.87½	88	165	88	165	0.28	587
Office boys	2	.55½	144	80	72	40	0.46	174
Oilers	3	.93	276	257	92	86	0.88	291
Oiler and trapper	1	.93	262	244	262	244	0.84	291
Pipe layer	1	2.00	153	306	153	306	0.49	626

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

H.—Bituminous Coal: 10 ESTABLISHMENTS IN 4 STATES—Concluded.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Pit bosses	6	$2.29½	1,088	$2,498	181	$416	3.48	$719
Policemen	3	.95½	294	281	98	94	0.94	209
Propman and weighman	1	1.87½	118	221	118	221	0.38	586
Pumpmen	12	1.36½	1,215	1,660	101	138	3.88	428
Pumpman and trapper	1	.97½	129	126	129	126	0.41	306
Pushers	3	1.25½	536	674	179	225	1.71	394
Roadmen	18	1.64	4,346	7,137	241	397	13.88	514
Rockmen	6	1.98	99	196	17	33	0.32	620
Shifters	2	1.80	490	882	245	441	1.57	563
Shovellers	15	1.72	1,081	1,862	72	124	3.45	539
Slag haulers	4	1.28	75	96	19	24	0.24	401
Slag hauler and trapper	1	.94½	38	36	38	36	0.12	297
Slag shovellers	2	1.33½	9	12	5	6	0.03	417
Slag shoveller and trapper	1	1.00	2	2	2	2	0.01	313
Slate picker	1	1.59½	241	384	241	384	0.77	499
Teamsters	35	1.32½	1,320	1,748	38	50	4.22	414
Teamster and tram-road repairer	1	1.25	4	5	4	5	0.01	391
Timbermen	9	2.04	729	1,488	81	165	2.33	639
Tipplemen	21	1.33½	1,106	1,475	53	70	3.53	417
Tracklayers	16	2.05	1,747	3,583	109	224	5.58	642
Tracklayer and trapper	1	1.50	6	9	6	9	0.02	470
Trackmen	8	2.09½	611	1,279	76	160	1.95	655
Tram-road repairers	10	1.87	810	1,516	81	152	2.59	586
Trammers	9	.65	60	39	7	4	0.19	203
Trappers	95	.67	5,882	3,952	62	42	18.79	210
Trimmers	20	1.55½	1,624	2,525	81	126	5.19	487
Trimmer, boss	1	1.88	272	512	272	512	0.87	589
Watchmen	2	1.88	50	94	25	47	0.16	588
Water boilers	6	1.09	394	429	66	72	1.26	341
Water boys	2	1.74½	130	227	65	114	0.42	547
Water haulers	7	1.69½	671	1,139	96	163	2.14	531
Weighmasters	7	2.17	1,568	3,404	224	486	5.01	679
Weighmen	5	1.82	966	1,758	193	352	3.09	570

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 365 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Engineers, hoisting	2	$2.16	730	$1,577	365	$789	2.00	$789
Engineer and fireman	1	1.90	346	657	346	657	0.95	693
Firemen	3	1.67	767	1,279	256	426	2.10	609
Mine boss	1	2.28	365	833	365	833	1.00	833
Stable bosses	2	1.30	730	948	365	474	2.00	474
Watchmen	2	1.57	339	533	170	267	0.93	574

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

J.—Coke: 6 ESTABLISHMENTS IN 4 STATES.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Ashmen	6	$1.44½	515	$744	86	$124	1.65	$452
Ashman and laborer	1	1.32½	52	69	52	69	0.17	415
Blacksmiths	3	2.28½	629	1,437	210	479	2.01	715
Blacksmiths' helpers	2	1.23	219	269	110	135	0.70	384
Car shifters	2	1.43½	299	429	150	215	0.96	449
Carpenters	3	2.19	659	1,444	220	481	2.11	686
Cartmen	7	1.36½	680	927	97	132	2.17	427
Cartmen and drawers	2	1.45½	201	292	101	146	0.64	455
Chargers	19	1.27½	2,676	3,414	141	180	8.55	399
Chargers and drawers	2	1.23½	191	236	96	118	0.61	387
Charger and watchman	1	1.68½	293	494	293	494	0.94	528
Drawers	425	1.68	37,363	62,680	88	147	119.37	525
Drawer and elevator tender	1	1.12	110	123	110	123	0.35	350
Drawers and forkers	8	1.30	1,011	1,314	126	164	3.23	407
Drawers and laborers	21	1.22½	1,234	1,512	59	72	3.94	384
Drawer and masons' helper	1	1.52½	209	319	209	319	0.67	478
Elevator tenders	3	1.35½	14	9	5	6	0.04	425
Engineers	2	2.14	419	897	210	449	1.34	670
Engineers, stationary	2	1.81	277	502	139	251	0.88	567
Foremen	4	2.93	1,253	3,673	313	918	4.00	918
Foremen, assistant	5	1.95½	1,070	2,094	214	419	3.42	613
Forkers	45	1.09½	3,355	3,682	75	82	10.72	344
Laborers	147	1.23	8,938	10,982	61	75	28.56	385
Levellers	17	2.25	3,295	7,408	194	436	10.53	704
Loaders	27	1.20	737	884	27	33	2.35	375
Masons	12	2.71	876	2,373	73	198	2.80	848
Masons' helpers	7	1.30	798	1,039	114	148	2.55	408
Pumpmen	2	1.80	250	450	125	225	0.80	563
Repairer, oven	1	1.49⅛	292	437	292	437	0.93	468
Teamsters	2	1.34⅛	358	482	179	241	1.14	421
Watchman	1	1.60	350	560	350	560	1.12	501
Water boys	6	.52	384	199	64	33	1.23	162

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

J.—Coke: 6 ESTABLISHMENTS IN 4 STATES—Concluded.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 365 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Chargers	8	$1.12	2,019	$2,264	252	$283	5.53	$409
Cleaners, track	15	.98	2,047	2,008	136	134	5.61	358
Coke bosses	2	2.15½	527	1,135	264	568	1.44	786
Drawers	122	1.53½	14,349	22,008	118	180	39.31	560
Drivers	8	1.00	1,139	1,139	142	142	3.12	365
Dumpers	3	1.28½	805	1,035	268	345	2.21	469
Engineers, coal crusher	2	1.67½	365	611	183	306	1.00	611
Engineer, stationary	1	1.05	301	316	301	316	0.82	383
Feeders, coal crusher	2	1.00	171	171	86	86	0.47	365
Foremen	3	2.50	741	1,851	247	617	2.03	912
Laborers	96	.98	6,138	6,021	64	63	16.82	358
Laborer, track	1	1.00	373	373	373	373	1.02	365
Loader	1	1.00	381	381	381	381	1.04	365
Mortar man	1	1.00	214	214	214	214	0.59	365
Watchmen	5	1.16½	1,069	1,243	214	249	2.93	424

K.—Iron Ore: 16 ESTABLISHMENTS IN 8 STATES.

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Bankmen	44	$1.32	6,551	$8,641	149	$196	20.93	$413
Blacksmiths	23	1.93¾	5,315	10,284	231	447	16.98	606
Blacksmiths and blacksmiths' helpers	4	1.72	1,134	1,948	284	487	3.62	538
Blacksmith and laborer	1	1.50	2	3	2	3	0.01	470
Blacksmith and truckman	1	1.12½	113	127	113	127	0.36	352
Blacksmiths' helpers	10	1.53½	1,807	2,778	181	278	5.77	481
Brakemen	26	1.52	4,973	7,567	191	291	15.89	476
Brakemen and laborers	2	1.64	494	810	247	405	1.58	513
Bricklayers	5	2.99	89	266	18	53	0.28	935
Cagemen	2	1.67½	558	936	279	468	1.78	525
Car leveller	1	1.24½	182	227	182	227	0.58	390
Carpenters	41	1.78	5,439	9,687	133	236	17.38	557
Carpenter and engineer	1	1.60	65	104	65	104	0.21	501
Carpenter and laborer	1	1.83	29	53	29	53	0.09	572
Carpenter and miner	1	2.05½	35	72	35	72	0.11	644
Conductor	1	1.91½	313	600	313	600	1.00	600
Drift-cutters and miners	3	2.24½	462	1,037	154	346	1.48	703
Drill boys	9	.87	682	592	76	66	2.18	272
Drill runner	1	2.28½	7	16	7	16	0.02	715

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

K.—Iron Ore: 16 ESTABLISHMENTS IN 8 STATES—Continued.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Drill sharpeners	4	$1.68	858	$1,441	215	$360	2.74	$526
Drillers	23	1.72½	2,443	4,219	106	183	7.81	541
Drillers and miners	22	1.55½	5,042	7,844	229	357	16.11	487
Drillers' helpers	16	1.35	2,605	3,514	163	220	8.32	422
Drivers	105	1.04	14,016	14,607	133	139	44.78	326
Driver and laborer	1	1.12½	8	9	8	9	0.03	352
Drivers and miners	4	1.29	595	767	149	192	1.90	403
Dry boys	2	1.00	307	307	154	154	0.98	313
Drymen	3	1.45½	768	1,117	256	372	2.45	455
Dumpers	25	1.68	2,778	4,674	111	187	8.88	527
Dumpers and miners	3	1.55	349	541	116	180	1.12	485
Dumper and runners' helper	1	1.91	88	168	88	168	0.28	598
Dumping clerks	2	2.16	286	618	143	309	0.91	676
Engineers	34	1.63½	7,759	12,691	228	373	24.79	512
Engineer, locomotive	1	2.50	307	767	307	767	0.98	782
Engineers, stationary	4	1.43½	1,295	1,857	324	464	4.14	449
Engineers and laborers	2	1.70	276	469	138	235	0.88	532
Engineers and machinists	4	2.60	1,132	2,943	283	736	3.62	814
Engineers and miners	3	1.35½	547	740	182	247	1.75	423
Fillers	25	1.88	1,399	2,632	56	105	4.47	589
Firemen	35	1.66⅔	6,648	11,056	190	316	21.24	521
Fireman, locomotive	1	1.50	298	447	298	447	0.95	470
Fireman and lander	1	1.87	156	292	156	292	0.50	586
Firemen and miners	4	1.42½	934	1,329	234	332	2.98	445
Fireman and pumpman	1	1.39	158	220	158	220	0.50	436
Foremen	17	1.79	4,195	7,501	247	441	13.40	560
Foremen, carpenters	2	2.62	598	1,566	299	783	1.91	820
Foreman, engineers	1	2.49	313	780	313	780	1.00	780
Foremen, miners	8	2.00	2,065	4,125	258	516	6.60	625
Foreman, track	1	1.24½	61	76	61	76	0.19	390
Foremen and miners	2	1.40½	543	763	272	382	1.73	440
Laborers	558	1.27	29,296	37,234	53	67	93.60	398
Laborer, machine shop	1	1.35	296	399	296	399	0.95	422
Laborers, surface	28	1.62½	3,098	5,035	111	180	9.90	509
Laborers, underground	83	1.70½	7,006	11,942	84	144	22.38	534
Laborer and mason	1	2.53	79	200	79	200	0.25	792
Laborers and miners	44	1.29	7,736	9,986	176	227	24.72	404
Laborers and miners' helpers	2	1.63	308	502	154	251	0.98	510
Laborers and timbermen	3	1.33	332	441	111	147	1.06	416
Laborers and trammers	3	1.91	167	319	56	106	0.53	598
Landers	25	1.61	4,499	7,235	180	289	14.37	503
Lander and miner	1	1.06½	214	228	214	228	0.68	333
Loaders	49	1.23½	6,554	8,090	134	165	20.94	386
Machinists	6	2.26½	1,863	4,218	311	703	5.95	709
Machinists' helper	1	1.30	312	406	312	406	1.00	407
Manager	1	2.49½	316	789	316	789	1.01	782
Masons	10	3.20½	153	490	15	49	0.49	1,002
Masons and painters	9	2.54	809	2,055	90	228	2.58	795
Mine bosses	8	2.80	2,469	6,913	309	864	7.89	876
Mine boss, assistant	1	1.34½	286	385	286	385	0.91	421
Mine runner	1	2.13½	15	32	15	32	0.05	668
Miners	1,588	1.49½	191,040	285,343	120	180	610.35	468
Miners and ore cleaners	5	1.28	550	705	110	141	1.76	401
Miners and pit bosses	5	2.25½	851	1,917	170	383	2.72	705
Miners and pumpmen	2	1.99	547	1,089	274	545	1.75	623
Miner and stableman	1	1.36	25	34	25	34	0.08	426

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

K.—Iron Ore: 16 ESTABLISHMENTS IN 8 STATES—Continued.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Miner and teamster	1	$2.11½	53	$112	53	$112	0.17	$661
Miner and wagonmaker	1	1.45⅓	298	434	298	434	0.95	456
Miner and watchman	1	1.24	340	422	340	422	1.09	388
Miner and weighman	1	1.18	207	244	207	244	0.66	369
Miners' helpers	36	1.82	3,419	6,222	95	173	10.92	570
Moulder	1	2.24½	279	627	279	627	0.89	703
Moulder's helper	1	1.19½	302	361	302	361	0.96	374
Nozzlemen	3	1.44	852	1,228	284	409	2.72	451
Ore cleaners	14	1.07½	932	1,003	67	72	2.98	337
Ore raisers	7	1.35	1,869	2,524	267	361	5.97	423
Ore sorters	8	1.37	1,487	2,040	186	255	4.75	429
Ore sorter and pit boss	1	1.51	222	335	222	335	0.71	472
Patternmaker	1	2.00½	302	605	302	605	0.96	627
Pipeman	1	1.75	72	126	72	126	0.23	548
Pit bosses	20	2.16	4,282	9,248	214	462	13.68	676
Pumpmen	13	1.73	2,270	3,922	175	302	7.25	541
Ropemen	2	1.94	242	469	121	235	0.77	607
Sievemen	4	1.35½	1,332	1,807	333	452	4.26	425
Slate picker	1	.66½	96	64	96	64	0.31	209
Stablemen	7	.84	514	431	73	62	1.64	262
Stonecutter and whitewasher	1	1.61	294	473	294	473	0.94	504
Strikers	34	1.30	3,714	4,823	109	142	11.87	406
Surface boss	1	2.00½	278	557	278	557	0.89	627
Teamsters	7	1.55	910	1,410	130	201	2.91	485
Teamsters (with teams)	4	2.98⅓	58	173	15	43	0.19	934
Timbermen	49	1.76	5,024	8,833	103	180	16.05	550
Timbermen, boss	2	2.42½	591	1,433	296	717	1.89	759
Timekeepers	2	2.05½	311	639	156	320	0.99	643
Tool boys	11	.65	2,511	1,638	228	149	8.02	204
Trackmen	4	1.93	431	831	108	208	1.38	603
Trammers	101	1.86⅓	4,807	8,965	48	89	15.36	584
Trimmers	25	2.02	2,227	4,493	89	180	7.12	631
Truckmen	61	1.06	6,241	6,620	102	109	19.94	332
Wagonmakers	2	1.54½	584	903	292	452	1.87	484
Washermen	3	1.05	662	696	221	232	2.12	329
Watchmen	3	1.52	781	1,188	260	396	2.50	476
Water boys	49	.56½	7,629	4,328	156	88	24.37	178
Weighmen	3	1.33⅓	501	668	167	223	1.60	417
Whitewasher	1	2.27½	11	25	11	25	0.04	711

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

K.—Iron Ore: 16 ESTABLISHMENTS IN 8 STATES.—Concluded.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 365 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Clerks and weighmen	5	$1.62	778	$1,260	156	$252	2.13	$591
Conductor	1	1.64	326	535	326	535	0.89	599
Engineers	3	1.18½	1,091	1,295	364	432	2.99	433
Engineer, air compressor	1	1.65	383	632	383	632	1.05	602
Laborer and watchman	1	1.69½	267	452	267	452	0.73	618
Mine bosses	3	2.50½	1,095	2,744	365	915	3.00	915
Stable boss	1	1.50	361	542	361	542	0.99	548
Stable boys	3	.70	375	262	125	87	1.03	255
Stablemen	8	1.12	2,200	2,467	275	308	6.03	409
Watchmen	4	1.31½	1,018	1,337	255	334	2.79	479

L.—Cotton and Woollen Goods: 64 ESTABLISHMENTS IN 20 STATES.

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Back boys	636	$0.54	72,060	$38,794	113	$61	230.22	$169
Back tenders	40	.40	5,429	2,671	136	67	17.35	154
Balers	76	1.15	10,464	12,015	138	158	33.43	359
Band boys	37	.61½	5,778	3,548	156	96	18.46	192
Band boy and roving carrier	1	.64	261	167	261	167	0.83	200
Band fixers	39	1.06	6,609	6,997	169	179	21.12	331
Beam hands	9	.88	1,204	1,061	134	118	3.85	276
Beamers	59	1.69½	12,022	20,402	204	346	38.41	531
Blacksmiths	17	1.77½	4,581	8,131	269	478	14.64	556
Blacksmith and engineer	1	1.99½	351	700	351	700	1.12	624
Blacksmiths' helper	1	.72	344	248	344	248	1.10	226
Bleacher	1	1.66½	304	506	304	506	0.97	521
Bobbin boys	112	.55½	14,587	8,114	130	72	46.60	174
Boiler tenders	4	1.25	849	1,061	212	265	2.71	391
Boxmaker	1	1.00	300	300	300	300	0.96	313
Bricklayers	16	1.97	578	1,138	36	71	1.85	616
Brushers	35	.80½	6,016	4,851	172	139	19.22	252
Burlers	411	.74	64,584	47,770	157	116	206.34	232
Call boys	9	.95	724	688	80	76	2.31	297
Card clothiers	5	1.43	537	768	107	154	1.72	448
Card feeders	35	.85	5,420	4,616	155	132	17.32	267
Card feeders and piecers	2	.78½	539	424	270	212	1.72	246
Card grinders	296	1.31½	54,676	71,751	185	242	174.68	411
Card grinders, head	2	1.66	604	1,002	302	501	1.93	519

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

L.—Cotton and Woollen Goods: 64 ESTABLISHMENTS IN 20 STATES—Cont'd.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Card grinder and card stripper	1	$1.46	305	$445	305	$445	0.97	$457
Card strippers	791	1.00	85,574	85,466	108	108	273.40	313
Card stripper and drawing-frame tender	1	.84½	135	114	135	114	0.43	264
Card strippers and picking-room hands	2	.95	591	562	296	281	1.89	298
Carders	333	.84½	52,215	44,078	157	132	166.82	264
Carders' helpers	66	.65	10,694	6,935	162	105	34.17	203
Carpenters	147	1.85	26,623	49,235	181	335	85.06	579
Carpenters' apprentices	2	.75½	584	440	292	220	1.87	236
Carpenters' helpers	2	1.27½	80	102	40	51	0.26	399
Chainmakers	7	1.44½	1,441	2,083	206	298	4.60	452
Cleaners	145	.69	17,913	12,318	124	85	57.23	215
Cloth carriers	14	.74	2,364	1,752	169	125	7.55	232
Cloth inspectors	118	1.10½	22,083	24,427	187	207	70.55	346
Cloth tackers	15	.55	1,701	932	113	62	5.43	171
Cloth-room hands	121	.88½	15,310	13,529	127	112	48.91	277
Coal wheelers	23	1.19½	2,268	2,708	99	118	7.25	374
Combers	34	.95	5,803	5,514	171	162	18.54	297
Creelers	43	.34	4,038	1,369	94	32	12.90	106
Designers	11	2.79	2,648	7,382	241	671	8.46	873
Doffers	2,204	.49½	285,553	141,346	130	64	912.31	155
Doffers, head	17	.92½	3,870	3,579	228	211	12.36	289
Doffer and elevator hand	1	.67½	114	77	114	77	0.36	211
Doffer and piecer	1	.56½	307	173	307	173	0.98	176
Doffer and repairer	1	.80	283	227	283	227	0.90	251
Doffers and roving carriers	2	.52	445	232	223	116	1.42	163
Drawers-in	300	.92	53,936	49,726	180	166	172.32	289
Drawing-frame tenders	782	.68	91,141	61,847	117	79	291.18	212
Drawing-frame tenders, and railway hands.	6	.53	727	386	121	64	2.32	166
Dressers	69	1.70	13,709	23,303	199	338	43.80	532
Dressing-room hands	92	1.01	7,617	7,712	83	84	24.34	317
Driers	42	.96	7,498	7,190	179	171	23.96	300
Drivers	10	.81	2,132	1,723	213	172	6.81	253
Dyeing-room hands	126	1.14½	23,401	26,772	186	212	74.76	358
Dyers	187	1.30½	36,673	47,788	196	256	117.17	408
Electric light tender	1	1.26	291	367	291	367	0.93	395
Elevator hands	71	.90½	11,687	10,594	165	149	37.34	284
Elevator hand and filling carrier	1	.74½	133	99	133	99	0.42	233
Engineers	47	2.64½	14,260	37,706	303	802	45.56	828
Engineers, assistant	3	1.96½	585	1,149	195	383	1.87	615
Engineer and machinist	1	3.50	254	889	254	889	0.81	1,096
Engineers' helper	1	1.04½	329	343	329	343	1.05	326
Filling carriers	272	.81½	28,939	23,546	106	87	92.46	255
Finishers	59	1.17	11,802	13,815	200	234	37.71	366
Finishing-room hands	43	.95	7,979	7,590	186	177	25.49	298
Firemen	73	1.34½	17,753	23,864	243	327	56.72	421
Firemen, assistant	7	.69	879	606	126	87	2.81	216
Folders	64	1.09	13,425	14,615	210	228	42.89	341
Folders and selectors	19	.93⅓	1,704	1,594	90	84	5.44	293
Folder and sewing-machine hand	1	.90	122	110	122	110	0.39	282
Folder and stitcher	1	.88	279	245	279	245	0.89	275
Folders' helper	1	.76	84	64	84	64	0.27	238
Foremen, carpenters	2	1.83½	462	847	231	424	1.48	574
Foremen, laborers	4	1.25½	958	1,200	240	300	3.06	392
Foreman, machinist	1	2.99⅓	348	1,043	348	1,043	1.11	938
Foreman, packers	1	1.74⅓	281	490	281	490	0.90	546
Foremen, repairers	5	3.28	1,605	5,263	321	1,053	5.13	1,026

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

L.—Cotton and Woollen Goods: 64 ESTABLISHMENTS IN 20 STATES—Cont'd.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Foremen, yard hands	6	$2.58½	1,749	$4,521	292	$754	5.59	$809
Frame fixer	1	1.25	304	380	304	380	0.97	391
Fullers	47	1.32½	10,147	13,457	216	286	32.42	415
Gasman	1	1.26	120	151	120	151	0.38	394
Gatemen	3	1.00	923	923	308	308	2.95	313
Giggers	120	1.13⅛	23,148	26,319	193	219	73.96	356
Gill-box tenders	19	.68⅝	4,095	2,811	216	148	13.08	215
Handers-in	80	.38⅓	11,628	4,499	145	56	37.15	121
Hander-in and spinner	1	.32	154	49	154	49	0.49	100
Harness hands	35	.97	8,039	7,792	230	223	25.68	303
Hostler	1	1.37	313	429	313	429	1.00	429
Janitors	5	.33⅓	1,157	388	231	78	3.70	105
Laborers	631	.91	81,347	74,161	129	118	259.89	285
Laborer and sweeper	1	.46	122	56	122	56	0.39	144
Lap carriers	6	.84½	1,141	962	190	160	3.65	264
Loom fixers	470	1.74½	96,241	167,715	205	357	307.48	545
Loom fixer and weaver	1	1.13	133	150	133	150	0.42	353
Machinists	141	1.99	34,534	68,708	245	487	110.33	623
Machinists' apprentices	4	.61½	1,241	762	310	191	3.96	192
Machinists' helpers	12	1.41	2,013	2,843	168	237	6.43	442
Masons	27	1.88	2,049	3,856	76	143	6.55	589
Master machinists	16	3.42	4,637	15,854	290	991	14.81	1,070
Master mechanic	1	5.81½	333	1,936	333	1,936	1.06	1,820
Measurers	4	1.47	1,059	1,559	265	390	3.38	461
Messengers	2	.39½	277	109	139	55	0.88	123
Oilman	1	1.45	314	456	314	456	1.00	455
Oilers	332	.88	38,002	33,383	114	101	121.41	275
Overseers	17	2.65½	4,117	10,936	242	643	13.15	831
Overseers, assistant	4	1.67½	1,215	2,033	304	508	3.88	524
Overseers, carding department	79	3.13	20,743	64,925	263	822	66.27	980
Overseers, cloth room	35	2.25½	8,989	20,265	257	579	28.72	706
Overseers, dressing room	9	2.59½	2,167	5,627	241	625	6.92	813
Overseers, dyeing rooms	30	3.49½	7,726	26,988	258	900	24.68	1,093
Overseers, finishing department	23	2.78⅓	6,400	17,837	278	776	20.45	872
Overseers, picking department	8	1.69⅓	1,979	3,358	247	420	6.32	531
Overseers, sorting room	11	2.50	3,256	8,132	296	739	10.40	782
Overseers, spinning department	89	2.97	22,623	67,162	254	755	72.28	929
Overseers, spooling department	15	2.62½	3,666	9,630	244	642	11.71	822
Overseers, twisting department	2	2.49	616	1,535	308	768	1.97	780
Overseers, warping department	2	2.70	596	1,608	298	804	1.90	844
Overseers, weaving department	76	3.25½	18,878	61,419	248	808	60.31	1,018
Overseer and picking-room hand	1	2.77	299	828	299	828	0.96	867
Overseers and second hands	3	2.59	774	2,005	258	668	2.47	811
Packers	24	1.23	4,953	6,090	206	254	15.82	385
Painters	49	1.53	5,954	9,108	122	186	19.02	479
Patternmaker	1	1.76	307	541	307	541	0.98	552
Pickers	21	1.17½	4,228	4,974	201	237	13.51	368
Picking-room hands	643	.96⅔	92,825	89,774	144	140	296.57	303
Piecers	192	.58	35,829	20,731	187	108	114.47	181
Pinning hands	3	1.16	325	377	108	126	1.04	363
Pipers	5	1.67	1,156	1,931	231	386	3.69	523
Plumber	1	1.99½	324	646	324	646	1.04	624
Policeman	1	.50	52	26	52	26	0.17	157
Press hands	49	1.02	9,846	10,043	201	205	31.46	319
Quillers	76	.73	5,911	4,319	78	57	18.88	229
Quillers and spoolers	59	.58⅜	4,264	2,496	72	42	13.62	183
Railway hands	185	.60⅓	23,636	14,303	128	77	75.51	189

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

L.—Cotton and Woollen Goods: 64 ESTABLISHMENTS IN 20 STATES—Cont'd.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Reelers	136	$0.77	24,094	$18,554	177	$136	76.98	$241
Repairers	98	1.52	15,306	23,283	156	238	48.90	476
Roller coverers	17	1.67	3,547	5,929	209	349	11.33	523
Room girls	147	1.00½	15,831	15,947	108	108	50.58	315
Roving carriers	255	.77	29,173	22,393	114	88	93.20	240
Scourers	32	1.23½	7,461	9,215	233	288	23.84	387
Scrubbers	171	.77	21,924	16,921	128	99	70.04	242
Second hands	397	1.66½	93,730	156,175	236	393	299.46	522
Selectors	6	.93½	396	371	66	62	1.27	293
Sewers-in	114	1.00½	25,502	25,612	224	225	81.48	314
Sewing-machine hands	10	.77	1,234	949	123	95	3.94	241
Shafting hands	3	1.01½	855	869	285	290	2.73	318
Shearers	45	1.15½	8,657	10,005	192	222	27.66	362
Shipping clerks	3	1.54	723	1,112	241	371	2.31	481
Slasher tenders	87	1.44	21,133	30,479	243	350	67.52	451
Slasher tenders, head	7	1.80½	2,039	3,678	291	525	6.51	565
Slasher tenders' helpers	23	.84	4,035	3,387	175	147	12.89	263
Smash menders	8	1.33½	1,836	2,451	230	306	5.87	418
Sorters	87	1.73	18,021	31,209	207	359	57.58	542
Spare hands	4	.77	808	622	202	156	2.58	241
Speckers	78	.57½	12,304	7,104	158	91	39.31	181
Speeders	365	.84	57,312	48,069	157	132	183.11	263
Speeders, coarse	186	.89	34,721	30,833	187	166	110.93	278
Speeders, fine	459	1.04	80,541	83,700	175	182	257.32	325
Speeders, intermediate	166	1.12	31,865	35,723	192	215	101.81	351
Speeders, jack	15	1.20	3,648	4,370	243	291	11.65	375
Speeders' helpers	20	.49½	2,389	1,188	119	59	7.63	156
Spinners	707	.65½	107,922	70,725	153	100	344.80	205
Spinners, frame	2,297	.61	344,115	210,355	150	92	1,099.41	191
Spinners, mule	417	1.65½	85,277	141,301	205	339	272.45	519
Spinner and sweeper	1	.93½	32	30	32	30	0.10	293
Spoolers	1,401	.69	203,782	140,747	145	100	651.06	216
Spoolers and twisters	86	.57	13,860	7,883	161	92	44.28	178
Springers	2	.94	323	303	162	152	1.03	294
Stampers	13	1.68½	2,262	2,454	174	189	7.23	340
Steam and water power hand	1	3.00	303	909	303	909	0.97	939
Stitchers	54	.79	9,329	7,389	173	137	29.81	248
Sweepers	882	.43½	77,171	33,446	87	38	246.55	136
Teamsters	53	1.31	11,285	14,769	213	279	36.05	410
Tentering-machine hands	2	1.31	562	736	281	368	1.80	410
Third hands	379	1.31½	44,703	58,798	118	155	142.82	412
Timekeepers	4	1.26	630	793	158	198	2.01	394
Tinsmiths	4	1.25	674	844	169	211	2.15	392
Trimmers	99	.95	12,972	12,323	131	124	41.44	297
Tubers	72	.40½	9,192	3,728	128	52	29.37	127
Twisters	261	.72½	49,539	36,019	190	138	158.27	228
Tying-in girls	70	.54	7,437	4,019	106	57	23.76	169
Warpers	276	1.10½	53,557	59,250	194	215	171.04	346
Washers	30	1.23½	5,649	6,969	188	232	18.05	386
Waste hands	47	1.02	6,944	7,093	148	151	22.19	320
Waste pickers	25	.85½	5,200	4,440	208	178	16.61	267
Watchmen	5	1.83	1,265	2,312	253	462	4.04	572
Water boys	15	.48½	1,748	851	117	57	5.58	152
Weavers	8,565	1.18½	1,216,343	1,439,222	142	168	3,886.08	370
Weavers, spare	67	.81½	1,439	1,170	21	17	4.60	254
Weavers' apprentices	18	.40½	996	404	55	22	3.18	127

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

L.—Cotton and Woollen Goods: 64 ESTABLISHMENTS IN 20 STATES—Conc'd.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employes through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employes.	Consequent average earnings.
Weighers	10	$1.10	693	$764	69	$76	2.21	$345
Wheelmen	6	1.30	1,539	1,998	257	333	4.92	406
Winders	229	.79	33,425	26,369	146	115	106.79	247
Wood turners	2	1.62	576	933	288	467	1.84	507
Yard hands	337	1.18	28,254	33,372	84	99	90.27	370
Yarn bundlers	9	.66	1,127	742	125	82	3.60	206
Yarn carriers	6	1.08½	1,356	1,474	226	246	4.33	340
Yarn hands	47	.70½	5,306	3,748	113	80	16.95	221
Yarn inspectors	23	.74	5,699	4,215	248	183	18.21	231

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 365 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Blacksmith	1	$1.49½	364	$545	364	$545	1.00	$546
Card stripper	1	1.16	356	413	356	413	0.98	423
Card stripper and watchman	1	.68½	163	112	163	112	0.45	251
Coal wheelers	4	1.26½	736	931	184	233	2.02	462
Dyeing-room hand and watchman	1	1.29½	357	463	357	463	0.98	473
Engineer	1	2.05½	348	715	348	715	0.95	750
Engineer and fireman	1	2.00	408	817	408	817	1.12	731
Engineer's helpers	11	1.50	1,382	2,070	126	188	3.79	547
Firemen	31	1.56½	8,139	12,753	263	411	22.30	572
Fireman and watchman	1	1.62½	393	638	393	638	1.08	593
Foreman and watchman	1	3.00	338	1,014	338	1,014	0.93	1,095
Hostlers	5	1.06½	1,511	1,607	302	321	4.14	388
Machinists	14	1.96½	3,941	7,740	282	553	10.80	717
Machinists' helper	1	.72	361	260	361	260	0.99	263
Oiler	1	.75	344	258	344	258	0.94	274
Overseer, spinning department	1	2.24	361	808	361	808	0.99	817
Picking-room hand and watchman	1	.93½	357	334	357	334	0.98	341
Policeman	1	1.60	364	582	364	582	1.00	584
Second hand	1	1.28	356	456	356	456	0.98	468
Second hands and watchmen	2	1.41½	642	906	321	453	1.76	516
Shearer and watchman	1	1.36½	343	469	343	469	0.94	499
Spinners, mule	4	1.00½	1,395	1,399	349	350	3.82	366
Steam and water power hands	7	1.46	1,687	2,465	241	352	4.62	533
Teamster	1	1.50	345	517	345	517	0.95	547
Teamster and watchman	1	1.35	371	501	371	501	1.02	493
Watchmen	181	1.29½	41,708	53,937	230	298	114.27	472

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

M.—Glass: 38 ESTABLISHMENTS IN 8 STATES.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 260 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Batch wheelers	3	$2.61½	555	$1,451	185	$484	2.13	$680
Blowers	248	6.44	26,411	170,072	106	686	101.58	1,674
Blowers, boss	4	10.68½	728	7,779	182	1,945	2.80	2,778
Blowers and gatherers	7	4.34½	528	2,294	75	328	2.03	1,130
Coal wheelers	21	1.92½	1,348	2,595	64	124	5.18	501
Cutters	2	4.95½	406	2,011	203	1,006	1.56	1,288
Cutter, boss	1	7.24½	213	1,543	213	1,543	0.82	1,883
Fillers-in	2	2.53	202	511	101	256	0.78	658
Flatteners	16	6.19½	2,926	18,126	183	1,133	11.25	1,611
Furnacemen	5	2.08	718	1,494	144	299	2.76	541
Gatherers	278	4.01	26,407	105,891	95	381	101.57	1,043
Gatherer, boss	1	7.57	183	1,385	183	1,385	0.70	1,968
Layers-in	7	1.76½	1,278	2,253	183	322	4.92	458
Layers-out	3	1.91½	421	806	140	269	1.62	498
Leersmen	2	1.96½	367	721	184	361	1.41	511
Master teasers	12	4.53	1,725	7,815	144	651	6.63	1,178
Mixer	1	2.61	187	488	187	488	0.72	679
Mixer's helper	1	2.27	129	293	129	293	0.50	591
Roller boys	29	1.21	1,896	2,293	65	79	7.29	314
Roller carriers	28	1.05½	2,524	2,659	90	95	9.71	274
Snappers	137	.96½	13,991	13,519	102	99	53.81	251
Teasers	12	2.33	2,133	4,967	178	414	8.20	605
Teasers' helpers	3	.50	315	158	105	53	1.21	130

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 286 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Blowers	110	$3.53½	14,185	$50,138	129	$456	49.60	$1,011
Blower and gatherer	1	3.12½	142	444	142	444	0.50	894
Carriers-in	31	.71	1,778	1,264	57	41	6.22	203
Finishers	94	.97½	6,787	6,616	72	70	23.73	279
Finishers and gatherers	2	1.49½	270	404	135	202	0.94	428
Gaffers	32	4.00½	5,602	22,430	175	701	19.59	1,115
Gatherers	130	1.93½	12,226	23,630	94	182	42.75	553
Knockers-off	66	.76	5,433	4,132	82	63	19.00	218
Mould boys	3	.89	609	541	203	180	2.13	254
Mould holders	4	.93	462	430	116	108	1.62	266
Stickers-up	46	1.01½	5,860	5,940	127	129	20.49	290

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

M.—Glass: 38 ESTABLISHMENTS IN 8 STATES—Continued.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Batch wheelers	15	$1.91½	2,948	$5,645	197	$376	9.42	$599
Batch wheelers and fillers-in	3	2.08⅓	662	1,379	221	460	2.12	652
Blacksmiths	46	2.39½	8,722	20,869	190	454	27.87	749
Blacksmiths and engineers	3	2.52½	614	1,549	205	516	1.96	790
Blacksmiths' apprentice	1	.69½	264	183	264	183	0.84	217
Blacksmiths' helpers	9	1.34	1,530	2,064	171	229	4.92	420
Blowers	985	4.61	124,914	575,713	127	584	399.09	1,443
Blowers, boss	8	8.25⅓	1,556	12,848	195	1,606	4.97	2,584
Blower and gatherer	1	2.56⅓	220	564	220	564	0.70	802
Blowers' apprentices	152	1.82½	25,551	46,589	168	307	81.63	571
Box nailers	10	.81⅓	1,565	1,273	157	127	5.00	255
Boxmakers	22	1.67⅓	3,595	6,025	163	274	11.49	525
Boxmaker and packer	1	3.84⅓	213	819	213	819	0.68	1,204
Boxmakers' helpers	6	.65	881	573	147	96	2.81	204
Bricklayers	3	4.83	29	140	10	47	0.09	1,511
Call boys	3	.30	338	101	113	34	1.08	94
Carpenters	15	2.17	2,058	4,463	137	298	6.58	679
Carriers-in	570	.59	57,811	34,225	101	60	184.70	185
Carrier-in and gatherer	1	.81⅓	184	150	184	150	0.59	255
Carrier-in and layer-up	1	.68	172	117	172	117	0.55	213
Carriers-in and snappers-up	6	.74½	776	580	129	97	2.48	234
Carriers-out	5	1.30⅔	960	1,255	192	251	3.07	409
Carriers-over	73	.54	4,137	2,225	57	30	13.22	168
Chippers	28	.69	2,625	1,809	94	65	8.39	216
Clay grinders	2	1.29½	410	531	205	266	1.31	405
Clay grinder and pot-shell picker	1	1.77	192	340	192	340	0.61	554
Clay trampers	27	1.47	4,206	6,185	156	229	13.44	460
Clay tramper and laborer	1	1.43½	233	334	233	334	0.74	449
Cleaners-off	37	.72	3,808	2,748	103	74	12.17	226
Coal wheelers	2	1.39⅓	433	605	217	303	1.38	437
Cooling boys	9	.60	860	517	96	57	2.75	188
Cullet pickers	3	1.24	550	681	183	227	1.76	388
Cutters	92	4.77	14,712	70,179	160	763	47.00	1,493
Cutters, boss	11	7.27½	2,460	17,896	224	1,627	7.86	2,277
Cutter and engraver	1	3.33	240	799	240	799	0.77	1,042
Cutters' helper	1	1.66⅔	240	400	240	400	0.77	522
Cutters-off	6	1.25¼	314	394	52	66	1.00	393
Demijohn coverer	1	4.25	301	1,279	301	1,279	0.96	1,330
Dippers	5	1.78⅓	1,070	1,908	214	382	3.42	558
Engineers	16	1.93½	3,212	6,210	201	388	10.26	605
Engineer, chief	1	2.97	227	674	227	674	0.73	929
Engravers	2	3.00	92	276	46	138	0.29	939
Engraver and grinder	1	3.00	264	792	264	792	0.84	939
Filers	5	.57⅓	676	389	135	78	2.16	180
Finishers	223	.81⅓	18,042	14,678	81	66	57.64	255
Flatteners	46	6.27	7,906	49,577	172	1,078	25.26	1,963
Flatteners' apprentices	4	2.69½	759	2,047	190	512	2.42	844
Foremen	9	3.53	2,239	7,906	249	878	7.15	1,105
Foremen, laborers	3	1.72½	802	1,383	267	461	2.56	540
Foremen, yard	2	2.33⅓	613	1,430	307	715	1.96	730
Furnaceman	1	1.96	307	601	307	601	0.98	613
Gatherers	571	2.03	57,217	116,224	100	204	182.80	636
Grinders	5	2.48½	1,124	2,791	225	558	3.59	777
Grinders' helpers	5	.62	1,378	857	276	171	4.40	195
Inspectors	2	2.03	488	990	244	495	1.56	635
Jar trimmer	1	3.00	68	204	68	204	0.22	939
Knockers-off	18	.54½	2,663	1,446	148	80	8.51	170
Laborers	691	1.37½	51,013	70,062	74	101	162.98	430

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Continued.

M.—Glass: 38 ESTABLISHMENTS IN 8 STATES—Continued.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 313 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Laborer and layer-out	1	$1.63	207	$337	207	$337	0.66	$510
Laborer and master teaser	1	2.18½	141	308	141	308	0.45	684
Laborers and mixers	2	1.91	335	640	168	320	1.07	598
Laborer and mixers' helper	1	1.51	223	337	223	337	0.71	473
Laborer and pot-shell picker	1	1.88⅛	87	164	87	164	0.28	590
Layers-in	18	2.13	3,303	7,042	184	391	10.55	667
Layers-in and layers-out	6	2.20½	1,074	2,367	179	395	3.43	690
Layers-out	17	2.13½	2,621	5,597	154	329	8.37	668
Layers-up	81	1.23½	13,370	16,530	165	204	42.72	387
Lead burners	2	2.50	522	1,304	261	652	1.67	782
Leersmen	66	1.76½	10,826	19,115	164	290	34.59	553
Leersmen and takers-off	2	2.02½	444	898	222	449	1.42	633
Leersmen's helpers	9	.87½	1,173	1,024	130	114	3.75	273
Machinists	3	2.81	447	1,255	149	418	1.43	879
Masons	12	3.02	580	1,752	48	146	1.85	945
Masons' helpers	2	1.64½	442	727	221	364	1.41	515
Master teasers	20	3.52½	3,579	12,617	179	631	11.43	1,103
Mixers	79	1.84	14,544	26,753	184	339	46.47	576
Mixers' helpers	9	1.58	2,275	3,591	253	399	7.27	494
Mould boys	165	.58½	17,198	10,094	104	61	54.95	184
Mould cleaners	5	1.47½	1,175	1,733	235	347	3.75	462
Mould makers	2	2.82	314	886	157	443	1.00	883
Mould makers' helper	1	.95	255	242	255	242	0.81	297
Mouldmen	5	1.56½	741	1,161	148	232	2.37	490
Packers	149	1.78	27,966	49,748	188	334	89.35	557
Packers, boss	10	2.88	2,222	6,400	222	640	7.10	902
Potmakers	18	2.90½	4,565	13,250	254	736	14.58	908
Potmakers' helpers	21	1.62	3,812	6,179	182	294	12.18	507
Pot-shell pickers	10	1.72½	1,979	3,415	198	342	6.32	540
Pressmen	13	2.17½	2,657	5,775	204	444	8.49	680
Pressmen's apprentices	8	1.59½	1,318	2,103	165	263	4.21	499
Ring boys	3	.66½	314	209	105	70	1.00	208
Roller boys	2	1.05	386	405	193	203	1.23	328
Roller boys and roller carriers	2	1.75½	438	769	219	385	1.40	550
Roller carriers	4	1.35	591	797	148	199	1.89	422
Roughers	2	3.99	269	1,073	135	537	0.86	1,249
Sand burners	6	1.61	672	1,082	112	180	2.15	504
Screwmakers	29	.66⅛	4,383	2,922	151	101	14.00	209
Shipper	1	2.24	185	414	185	414	0.59	700
Shipper's helper	1	1.37	256	351	256	351	0.82	429
Shipping clerks	9	1.87	2,102	3,928	234	436	6.72	585
Shovers-in	3	.84½	552	466	184	155	1.76	264
Snappers	60	1.03½	10,274	10,658	171	178	32.82	325
Snappers-up	452	.51	41,467	21,054	91	47	132.48	159
Sorters	9	1.42½	1,767	2,517	196	280	5.65	446
Sorters' helpers	29	.99	1,708	1,692	59	58	5.46	310
Stopper adjusters	2	2.55	330	841	165	421	1.05	798
Takers-off	13	1.23	1,508	1,854	116	143	4.82	385
Teamsters	50	1.83	10,113	18,498	202	370	32.31	573
Teasers	51	1.88	8,000	15,050	157	295	25.56	589
Ware hands	32	1.74	3,558	6,189	111	193	11.37	544
Warehousemen	3	2.00⅓	858	1,720	286	573	2.74	627
Washers	30	.72	2,036	1,462	68	49	6.50	225
Watchmen	5	1.41	546	770	109	154	1.74	441
Water boys	6	.57	297	169	50	28	0.95	178
Wirers	4	2.13½	803	1,716	201	429	2.57	669
Wrappers	34	.73	3,200	2,337	94	69	10.22	229
Wrapper, boss	1	1.25½	246	309	246	309	0.79	393

TABLE XIV.—ACTUAL AND THEORETICAL TIME AND EARNINGS IN VARIOUS INDUSTRIES IN THE UNITED STATES, REDUCED TO THE UNIFORM BASIS OF ONE YEAR—Concluded.

M.—Glass: 38 ESTABLISHMENTS IN 8 STATES—Concluded.

[It will be noticed that in the tables on pages 296 to 575 of the Sixth Annual Report, and 378 to 739 of this book (from which this table has been derived), establishments with various periods of time have been shown. In this table all establishments have been reduced to a uniform basis of one year and the total given for each occupation. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Actual condition. Employés and results.						Condition if the necessary positions were filled continuously by the same employés through a working year of 365 days.	
	Different employés.	Average daily earnings.	Total days employed.	Total earnings.	Average days employed.	Average annual earnings.	Necessary employés.	Consequent average earnings.
Engineers	5	$1.96½	1,512	$2,969	302	$594	4.14	$717
Fillers-in and teasers	4	1.78	1,091	1,943	273	486	2.99	650
Foremen	2	2.36	547	1,290	274	645	1.50	861
Laborer and master teaser	1	2.18	319	696	319	696	0.87	796
Laborers and teasers	3	1.62½	603	981	201	327	1.65	594
Leersmen	6	1.16½	1,446	1,686	241	281	3.96	426
Leersman and watchman	1	1.66	225	374	225	374	0.62	607
Master teasers	12	3.02	3,167	9,565	264	797	8.68	1,102
Mixer and teaser	1	1.62	144	233	144	233	0.39	591
Mixer's helper and teaser	1	2.01	246	495	246	495	0.67	734
Shovers-in	5	.85	912	776	182	155	2.50	311
Teasers	89	1.70	16,678	28,380	187	319	45.69	621
Watchmen	34	1.48½	6,477	9,610	191	283	17.75	542

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES.

A.—Pig Iron: 17 ESTABLISHMENTS IN 8 STATES.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Barrow helpers	16	$1.21–$1.40
Barrow helper and coke forker.	1	1.41– 1.60
Barrow helpers and fillers	5	1.41– 1.60
Barrow helper and laborer	1	1.41– 1.60
Barrow helpers and stock-house men.	3	1.41– 1.60
Blacksmiths	1	1.21– 1.40
	2	1.41– 1.60
	2	1.61– 1.80
	5	1.81– 2.00
	3	2.01– 2.20
	2	2.21– 2.40
	7	2.41– 2.60
	3	2.61– 2.80
	2	2.81– 3.00
Total	27	
Blacksmiths' helpers	4	.81– 1.00
	8	1.21– 1.40
	10	1.41– 1.60
	4	1.61– 1.80
Total	26	
Blacksmiths' helper and stock preparer.	1	1.41– 1.60
Boiler cleaners	14	.41– .60
	1	.61– .80
	6	.81– 1.00
	8	1.01– 1.20
	1	1.41– 1.60
Total	30	
Boiler cleaners and laborers	4	1.01– 1.20
Boiler cleaner and water tender.	1	1.81– 2.00
Boilermakers	2	2.41– 2.60
Boilermakers' helper	1	1.41– 1.60
Boilermen	1	1.41– 1.60
	1	1.61– 1.80
Total	2	
Brakemen	3	1.21– 1.40
	5	1.41– 1.60
	14	1.61– 1.80
	6	1.81– 2.00
Total	28	
Brakeman, dinkey	1	1.21– 1.40
Brakeman, locomotive	1	1.21– 1.40
Brakeman and casthouse man.	1	1.61– 1.80
Brakeman and dumper	1	1.61– 1.80
Brakeman and fireman	1	1.21– 1.40
Brakemen and laborers	1	1.21– 1.40
	3	1.41– 1.60
Total	4	
Bricklayers	3	$2.81–$3.00
	21	3.81– 4.00
	1	4.21– 4.40
	1	4.81– 5.00
Total	26	
Cagemen	2	1.01– 1.20
	1	1.21– 1.40
	1	1.41– 1.60
	4	1.61– 1.80
	2	1.81– 2.00
	1	2.01– 2.20
	1	2.21– 2.40
Total	12	
Cagemen and fillers	196	1.01– 1.20
	1	1.21– 1.40
Total	197	
Cageman and laborer	1	1.41– 1.60
Cagemen's helpers	3	1.41– 1.60
Cagemen's helper and stock preparer.	1	1.41– 1.60
Carpenters	6	1.21– 1.40
	3	1.41– 1.60
	2	1.61– 1.80
	16	1.81– 2.00
	7	2.21– 2.40
	4	2.41– 2.60
	2	2.61– 2.80
Total	40	
Carpenter and laborer	1	1.21– 1.40
Casthouse men	2	1.21– 1.40
	20	1.41– 1.60
	1	1.61– 1.80
Total	23	
Casthouse man and cinder snapper.	1	1.41– 1.60
Cinder snappers	9	1.61– 1.80
	2	1.81– 2.00
Total	11	
Cinder snapper and helper	1	2.01– 2.20
Cinder snappers and laborers	3	1.41– 1.60
	1	1.61– 1.80
	1	1.81– 2.00
Total	5	
Cinder snapper and ore piler	1	1.81– 2.00
Cinder snapper and woolman	1	1.61– 1.80
Cinder tappers	4	.81– 1.00
	14	1.01– 1.20
	111	1.21– 1.40

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

A.—Pig Iron: 17 ESTABLISHMENTS IN 8 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Cinder tappers—concluded	7	$1.41-$1.60
	3	1.61- 1.80
Total	139	
Cinder tappers and coke forkers	3	1.21- 1.40
Cinder tapper and driver	1	1.41- 1.60
Cinder tappers and fillers	4	1.01- 1.20
Cinder tapper and gutterman	1	1.21- 1.40
Cinder tapper and iron handler	1	2.21- 2.40
Cinder tapper and iron piler	1	1.21- 1.40
Cinder tappers and laborers	7	1.01- 1.20
	4	1.41- 1.60
Total	11	
Cinder tapper and ore breaker	1	1.41- 1.60
Cinder tappers' helpers	3	1.01- 1.20
Cindermen	1	.81- 1.00
	24	1.01- 1.20
	13	1.21- 1.40
	19	1.41- 1.60
	16	1.61- 1.80
Total	73	
Cindermen and fillers	2	1.41- 1.60
Cinderman and helper	1	1.21- 1.40
Cindermen and iron handlers	2	1.61- 1.80
Cindermen and laborers	10	1.41- 1.60
	1	1.61- 1.80
Total	11	
Cindermen and metal carriers	2	2.01- 2.20
	1	2.61- 2.80
Total	3	
Cleaner, office	1	.21- .40
Cleaners, stack	2	1.21- 1.40
Cleaner, stack, and filler	1	1.41- 1.60
Cleaner, stack, and keepers' helper	1	1.41- 1.60
Cleaner, stack, and stoveman	1	1.41- 1.60
Coal screeners	4	1.21- 1.40
Coal wheelers	5	.81- 1.00
Coal wheelers and firemen	2	1.21- 1.40
Coke cleaner	1	1.41- 1.60
Coke cleaner and ore breaker	1	1.41- 1.60
Coke drivers	23	1.01- 1.20
Coke drivers and laborers	7	1.01- 1.20
Coke driver and teamster	1	1.01- 1.20
Coke forkers	1	.81- 1.00
	95	1.01- 1.20
	17	1.21- 1.40
	1	1.41- 1.60
Total	114	
Coke forkers and laborers	29	$1.01-$1.20
	1	1.41- 1.60
Total	30	
Coke forkers and stockhousemen	2	1.41- 1.60
Coke-dust man	1	1.21- 1.40
Conductor	1	1.21- 1.40
Drivers	1	.41- .60
	2	.81- 1.00
	4	1.01- 1.20
	2	1.41- 1.60
Total	9	
Dumpers	3	1.01- 1.20
	5	1.21- 1.40
	1	1.41- 1.60
Total	9	
Dumper and laborer	1	1.41- 1.60
Engine wipers	4	1.01- 1.20
	2	1.41- 1.60
Total	6	
Engineers	1	1.21- 1.40
	4	1.41- 1.60
	11	1.61- 1.80
	23	1.81- 2.00
	12	2.21- 2.40
	5	2.41- 2.60
	1	2.61- 2.80
	1	2.81- 3.00
	2	3.21- 3.40
	1	3.41- 3.60
Total	61	
Engineer, chief	1	2.61- 2.80
Engineers, dinkey	3	1.41- 1.60
	1	1.81- 2.00
Total	4	
Engineers, furnace	2	1.81- 2.00
	1	2.21- 2.40
	1	2.81- 3.00
Total	4	
Engineer, hoisting	1	1.81- 2.00
Engineers, locomotive	1	1.41- 1.60
	5	1.81- 2.00
	1	2.21- 2.40
	3	2.81- 3.00
	1	3.21- 3.40
Total	11	
Engineer and engineers' helper	1	1.61- 1.80
Engineer and foreman	1	2.81- 3.00

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

A.—Pig Iron: 17 ESTABLISHMENTS IN 8 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Engineers and laborers	1	$1.41–$1.60
	1	1.81– 2.00
	1	2.21– 2.40
Total	3	
Engineer and machinist	1	2.81– 3.00
Engineer and water tender	1	1.81– 2.00
Engineer and wiper	1	1.01– 1.20
Engineers' helpers	10	1.21– 1.40
	6	1.41– 1.60
Total	16	
Engineers' helper and laborer	1	1.21– 1.40
Engineers' helper and teamster.	1	1.01– 1.20
Fallmen	17	1.21– 1.40
Fillers	1	.81– 1.00
	119	1.01– 1.20
	67	1.21– 1.40
	128	1.41– 1.60
	35	1.61– 1.80
	2	1.81– 2.00
Total	352	
Fillers, bottom	8	.81– 1.00
	117	1.01– 1.20
	3	1.21– 1.40
	45	1.41– 1.60
	17	1.61– 1.80
	14	1.81– 2.00
	13	2.01– 2.20
Total	217	
Fillers, coke	6	1.01– 1.20
	19	1.41– 1.60
Total	25	
Fillers, lime	11	1.41– 1.60
Fillers, ore	23	1.41– 1.60
Fillers, stockhouse	3	.81– 1.00
	190	1.01– 1.20
	2	1.21– 1.40
Total	195	
Fillers, top	10	1.01– 1.20
	4	1.21– 1.40
	27	1.41– 1.60
	14	1.61– 1.80
	20	1.81– 2.00
	4	2.01– 2.20
	1	2.21– 2.40
Total	80	
Fillers and helpers	1	1.21– 1.40
	1	2.01– 2.20
Total	2	
Filler and iron handler	1	$2.21–$2.40
Fillers and ironmen	3	1.61– 1.80
Filler and keeper	1	1.61– 1.80
Fillers' and keepers' helpers	1	1.21– 1.40
	1	1.41– 1.60
Total	2	
Fillers and laborers	22	1.01– 1.20
	13	1.21– 1.40
	28	1.41– 1.60
	13	1.61– 1.80
	8	1.81– 2.00
	2	2.01– 2.20
Total	86	
Filler and metal breaker	1	2.01– 2.20
Filler and metal carrier	1	1.61– 1.80
Fillers and ore breakers	1	1.41– 1.60
	4	1.61– 1.80
	1	2.01– 2.20
Total	6	
Filler and scraper	1	1.41– 1.60
Filler and stocker	1	1.01– 1.20
Filler and sweeper	1	.81– 1.00
Fillers' helpers	6	1.41– 1.60
	3	1.61– 1.80
Total	9	
Fillers' helper and laborer	1	1.41– 1.60
Fillers' helper and stock preparer.	1	1.61– 1.80
Firemen	1	.81– 1.00
	6	1.01– 1.20
	3	1.21– 1.40
	15	1.41– 1.60
	5	1.61– 1.80
	7	1.81– 2.00
	1	2.21– 2.40
Total	38	
Firemen, locomotive	4	1.41– 1.60
	3	1.61– 1.80
Total	7	
Fireman and laborer	1	1.41– 1.60
Firemen's helpers	2	1.41– 1.60
Flagman	1	1.41– 1.60
Flagman and storekeeper	1	1.41– 1.60
Foremen	1	1.41– 1.60
	3	1.61– 1.80
	6	1.81– 2.00
	1	2.01– 2.20
	4	2.21– 2.40
	10	2.41– 2.60
	1	2.61– 2.80
	3	2.81– 3.00
	3	3.21– 3.40

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

A.—Pig Iron: 17 ESTABLISHMENTS IN 8 STATES—Continued.

[This table has been derived from the table on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Foremen—concluded	1	$3.41–$3.60
	2	3.81– 4.00
	1	5.21– 5.40
Total	36	
Foreman, iron handlers	1	2.41– 2.60
Foremen, laborers	2	1.81– 2.00
	1	2.21– 2.40
	1	2.61– 2.80
Total	4	
Foreman, machinery	1	4.61– 4.80
Foremen, track	2	1.61– 1.80
Foreman and laborer	1	1.41– 1.60
Foreman and weighman	1	1.81– 2.00
Founders	1	2.81– 3.00
	1	4.41– 4.60
	1	4.81– 5.00
	1	6.61– 6.80
Total	4	
Graders	2	1.01– 1.20
	1	1.21– 1.40
Total	3	
Guttermen	4	1.21– 1.40
Helpers	6	1.01– 1.20
	6	1.21– 1.40
	18	1.41– 1.60
	19	1.61– 1.80
	9	2.41– 2.60
Total	58	
Helpers and laborers	3	1.41– 1.60
	4	1.61– 1.80
	4	2.01– 2.20
Total	11	
Helper and metal carrier	1	2.21– 2.40
Helper and moulder	1	1.61– 1.80
Helper and ore piler	1	1.81– 2.00
Hoisters	1	1.41– 1.60
	1	1.61– 1.80
Total	2	
Hostler	1	1.41– 1.60
Hostlers and laborers	1	1.01– 1.20
	1	1.41– 1.60
Total	2	
Hot-blast men	1	1.01– 1.20
	6	1.21– 1.40
	4	1.41– 1.60
	2	1.61– 1.80
Total	13	
Hot-blast man and scraper	1	$1.41–$1.60
Hot-cinder men	10	1.41– 1.60
Hot-cinder men and laborers	4	1.41– 1.60
Inclinemen	2	1.01– 1.20
Inspectors, car	5	1.41– 1.60
Iron barrowman	1	1.61– 1.80
Iron carriers	1	1.41– 1.60
	21	1.81– 2.00
Total	22	
Iron grader	1	1.81– 2.00
Iron handlers	1	.81– 1.00
	14	1.01– 1.20
	19	1.21– 1.40
	18	1.41– 1.60
	32	1.61– 1.80
	12	1.81– 2.00
	1	2.01– 2.20
	11	2.21– 2.40
	2	2.41– 2.60
Total	110	
Iron handler and keeper	1	1.61– 1.80
Iron handlers and laborers	2	1.21– 1.40
	1	1.41– 1.60
	6	1.61– 1.80
Total	9	
Ironmen	17	1.61– 1.80
Ironmen and laborers	8	1.41– 1.60
Ironman and stock preparer	1	1.61– 1.80
Iron movers	1	1.21– 1.40
	6	1.41– 1.60
	2	1.61– 1.80
Total	9	
Iron mover and moulders' helper	1	1.41– 1.60
Iron piler	1	1.61– 1.80
Iron sorter	1	1.21– 1.40
Iron wringers	11	1.01– 1.20
Keepers	3	1.41– 1.60
	4	1.61– 1.80
	21	1.81– 2.00
	2	2.01– 2.20
	5	2.21– 2.40
	2	2.61– 2.80
	2	2.81– 3.00
	2	3.21– 3.40
Total	41	
Keepers and keepers' helpers	2	1.21– 1.40
Keepers and laborers	1	1.61– 1.80
	1	2.61– 2.80
Total	2	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

A.—Pig Iron: 17 ESTABLISHMENTS IN 8 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Keepers' helpers	4	$1.01–$1.20
	30	1.21– 1.40
	28	1.41– 1.60
	37	1.61– 1.80
	4	1.81– 2.00
Total	103	
Keepers' helpers and laborers	1	.81– 1.00
	1	1.21– 1.40
	2	1.41– 1.60
	1	1.61– 1.80
Total	5	
Keepers' helper and metal carrier.	1	2.21– 2.40
Keepers' helper and scraper.	1	1.61– 1.80
Keepers' helper and stock preparer.	1	1.41– 1.60
Laboratory boy	1	.81– 1.00
Laborers	2	.21– .40
	9	.41– .60
	10	.61– .80
	625	.81– 1.00
	124	1.01– 1.20
	783	1.21– 1.40
	155	1.41– 1.60
	5	1.61– 1.80
	2	1.81– 2.00
Total	1,715	
Laborers, furnace	2	1.01– 1.20
Laborers, yard	5	.81– 1.00
	25	1.01– 1.20
	2	1.21– 1.40
Total	32	
Laborer and machinist	1	1.21– 1.40
Laborer and machinists' helper	1	1.41– 1.60
Laborers and metal breakers.	8	1.61– 1.80
	2	1.81– 2.00
Total	10	
Laborers and metal carriers	2	1.41– 1.60
	2	1.61– 1.80
	2	1.81– 2.00
	2	2.01– 2.20
	2	2.21– 2.40
Total	10	
Laborers and ore breakers	12	1.41– 1.60
Laborer and ore piler	1	1.41– 1.60
Laborers and runners	2	1.41– 1.60
Laborer and scaleman	1	1.41– 1.60
Laborers and scrapers	3	1.41– 1.60
Laborers and scrapmen	4	1.41– 1.60
Laborers and slagmen	1	1.01– 1.20
	1	1.21– 1.40
Total	2	
Laborers and stock breakers.	2	$1.21–$1.40
Laborers and stockhouse men	6	1.41– 1.60
Laborers and stock preparers	31	1.21– 1.40
Laborer and stove cleaner	1	1.41– 1.60
Laborer and stove tender	1	2.01– 2.20
Laborer and stoveman	1	1.21– 1.40
Laborers and water tenders.	1	1.21– 1.40
	1	1.81– 2.00
Total	2	
Laborer and weighman	1	1.21– 1.40
Lightman	1	1.81– 2.00
Limestone breakers	4	1.41– 1.60
Machinists	1	1.41– 1.60
	3	1.61– 1.80
	2	1.81– 2.00
	1	2.01– 2.20
	1	2.21– 2.40
	7	2.41– 2.60
	3	2.61– 2.80
	1	2.81– 3.00
Total	19	
Machinists' helpers	2	.81– 1.00
	2	1.61– 1.80
Total	4	
Masons	2	1.81– 2.00
	3	2.21– 2.40
	1	2.41– 2.60
	4	2.81– 3.00
	9	3.01– 3.20
	3	3.21– 3.40
	5	3.41– 3.60
	1	3.61– 3.80
	1	4.41– 4.60
Total	29	
Mason and stoveman	1	1.81– 2.00
Masons' helpers	2	1.21– 1.40
	2	1.41– 1.60
	3	1.61– 1.80
Total	7	
Master machinists	2	4.01– 4.20
Master masons	1	1.81– 2.00
	1	4.81– 5.00
Total	2	
Mechanic	1	1.81– 2.00
Metal breakers	2	1.61– 1.80
	2	1.81– 2.00
	4	2.01– 2.20
Total	8	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

A.—Pig Iron: 17 ESTABLISHMENTS IN 8 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Metal carriers	6	$2.61-$2.80
	13	2.81- 3.00
	8	3.01- 3.20
Total	27	
Metal carrier and ore breaker	1	2.61- 2.80
Moulders	6	1.21- 1.40
	3	1.41- 1.60
	5	1.61- 1.80
	1	2.01- 2.20
	2	2.21- 2.40
	4	2.41- 2.60
Total	21	
Moulder and stocker	1	1.21- 1.40
Moulders' helpers	2	1.41- 1.60
Oilers	1	.81- 1.00
	1	1.21- 1.40
Total	2	
Ore breakers	34	1.41- 1.60
Ore dumpers	3	1.01- 1.20
	4	1.21- 1.40
	1	1.81- 2.00
Total	8	
Ore pilers	6	1.41- 1.60
Ovenmen	2	1.61- 1.80
Painters	1	.61- .80
	1	1.41- 1.60
	2	1.81- 2.00
Total	4	
Pipe-fitters	1	1.61- 1.80
	1	1.81- 2.00
	1	2.21- 2.40
Total	3	
Policemen	8	1.41- 1.60
Porter	1	.81- 1.00
Railroad boss	1	1.81- 2.00
Repairers	2	1.41- 1.60
Repairers, car	1	1.41- 1.60
	1	2.21- 2.40
Total	2	
Runnermen	1	.81- 1.00
	5	1.01- 1.20
	1	1.21- 1.40
	6	1.41- 1.60
Total	13	
Sample boys	2	.41- .60
	1	.61- .80
Total	3	
Sampleman	1	$1.41-$1.60
Sandsifters	2	1.01- 1.20
Scalemen	12	1.41- 1.60
Scavenger	1	.41- .60
Scrapers	3	1.41- 1.60
Scrapmen	5	.81- 1.00
	4	1.01- 1.20
	6	1.61- 1.80
Total	15	
Slagmen	16	1.01- 1.20
	13	1.41- 1.60
	4	1.81- 2.00
Total	33	
Stablemen	1	.81- 1.00
	4	1.01- 1.20
	1	1.21- 1.40
	1	1.61- 1.80
Total	7	
Stableman and teamster	1	1.21- 1.40
Stock breakers	1	.81- 1.00
	11	1.21- 1.40
	7	1.41- 1.60
Total	19	
Stock preparers	98	1.41- 1.60
Stock unloader	1	1.21- 1.40
Stockers	6	.81- 1.00
	69	1.01- 1.20
	7	1.21 -1.40
Total	82	
Stockers and water tenders	2	1.61- 1.80
Stockhouse men	6	1.21- 1.40
	15	1.41- 1.60
Total	21	
Storekeepers	1	1.21- 1.40
	1	1.41- 1.60
	1	1.61- 1.80
Total	3	
Stove tenders	2	2.01- 2.20
	2	2.41- 2.60
Total	4	
Stovemen	1	.81- 1.00
	5	1.21- 1.40
	2	1.41- 1.60
	16	1.61- 1.80
	2	1.81- 2.00
	3	2.01- 2.20
Total	29	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

A.—Pig Iron: 17 ESTABLISHMENTS IN 8 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Stovemen's helper	1	$1.61–$1.80
Sweepers	2	.41– .60
	5	.61– .80
	2	.81– 1.00
Total	9	
Teamsters	9	.81– 1.00
	1	1.41– 1.60
Total	10	
Teamsters (with teams)	1	2.21– 2.40
	5	2.81– 3.00
	2	3.01– 3.20
	3	5.21– 5.40
Total	11	
Timekeepers	1	1.41– 1.60
	1	1.61– 1.80
	1	2.41– 2.60
	1	2.81– 3.00
Total	4	
Trackman	1	1.21– 1.40
Watchmen	2	1.41– 1.60
Water boys	9	.41– .60
	8	.61– .80
	8	.81– 1.00
Water boys—concluded	3	$1.01–$1.20
Total	28	
Water tenders	2	1.21– 1.40
	2	1.41– 1.60
	3	1.61– 1.80
	4	1.81– 2.00
	5	2.01– 2.20
Total	16	
Weighmen	11	1.21– 1.40
	5	1.41– 1.60
	2	1.61– 1.80
	1	1.81– 2.00
Total	19	
Whitewasher	1	2.81– 3.00
Wipers	4	1.41– 1.60
	1	1.61– 1.80
Total	5	
Woolmen	5	1.41– 1.60
Yardmasters	1	1.41– 1.60
	1	1.81– 2.00
	1	2.21– 2.40
Total	3	

B.—Muck Bar Iron: 4 ESTABLISHMENTS IN 4 STATES.

Ashmen	5	$1.21–$1.40
	7	1.41– 1.60
Total	12	
Ball boys	2	.61– .80
Blacksmiths	1	1.21– 1.40
	6	1.81– 2.00
	1	2.01– 2.20
	2	2.21– 2.40
	1	3.41– 3.60
Total	11	
Blacksmiths' helpers	1	1.21– 1.40
	6	1.41– 1.60
Total	7	
Bloom boys	2	1.21– 1.40
Boiler tenders	4	1.61– 1.80
Bricklayers	1	2.41– 2.60
	1	2.81– 3.00
Total	2	
Bricklayers' helpers	1	$1.21–$1.40
	1	1.41– 1.60
Total	2	
Buggymen	1	.61– .80
	3	1.21– 1.40
	2	1.41– 1.60
Total	6	
Buggyman and puddler	1	2.01– 2.20
Caller	1	1.41– 1.60
Carpenter and millwright	1	1.81– 2.00
Catchers	2	1.61– 1.80
	6	2.41– 2.60
	4	2.61– 2.80
Total	12	
Cinder wheelers	15	1.21– 1.40
Cindermen	6	1.21– 1.40
	3	1.61– 1.80
Total	9	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

B.—Muck Bar Iron: 4 ESTABLISHMENTS IN 4 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Coal wheelers	5	$1.41–$1.60
Drag-outs	7	1.61– 1.80
	10	1.81– 2.00
Total	17	
Engineers	2	1.61– 1.80
	3	1.81– 2.00
	2	2.21– 2.40
	1	4.01– 4.20
Total	8	
Engineers' helpers	3	1.61– 1.80
Firemen	1	1.01– 1.20
	6	1.21– 1.40
	3	1.41– 1.60
	1	1.81– 2.00
Total	11	
Fix grinders	8	1.21– 1.40
Foreman	1	2.81– 3.00
Helper, lamp	1	1.41– 1.60
Hookers-up	1	.61– .80
	9	1.21– 1.40
	2	1.41– 1.60
	2	1.61– 1.80
	2	2.01– 2.20
	2	2.61– 2.80
Total	18	
Laborers	1	.41– .60
	3	.61– .80
	1	.81– 1.00
	30	1.01– 1.20
	115	1.21– 1.40
	3	1.41– 1.60
Total	153	
Laborer and ore crusher	1	1.21– 1.40
Laborer and watchman	1	1.61– 1.80
Machinists	1	1.21– 1.40
	1	1.41– 1.60
	2	2.21– 2.40
	3	2.41– 2.60
	1	3.21– 3.40
Total	8	
Masons	1	2.61– 2.80
	1	3.81– 4.00
	1	4.01– 4.20
	1	6.21– 6.40
Total	4	
Masons' helpers	1	1.01– 1.20
	2	1.61– 1.80
Total	3	
Metal breakers	5	$1.81–$2.00
Millwrights	1	1.41– 1.60
	2	1.81– 2.00
	1	2.21– 2.40
Total	4	
Mixers	4	1.21– 1.40
Ore crushers	3	1.21– 1.40
	2	1.41– 1.60
Total	5	
Ore stockers	2	1.21– 1.40
Ore wheeler	1	1.81– 2.00
Physic man	1	1.21– 1.40
Puddlers	15	2.81– 3.00
	34	3.01– 3.20
	115	3.21– 3.40
	1	3.41– 3.60
	32	3.61– 3.80
	12	3.81– 4.00
	3	4.01– 4.20
	1	4.21– 4.40
	7	4.41– 4.60
	6	4.61– 4.80
	1	5.01– 5.20
	1	5.81– 6.00
Total	228	
Puddler, boss	1	3.41– 3.60
Puddlers and puddlers' helpers.	1	2.41– 2.60
	1	2.61– 2.80
Total	2	
Puddlers' helpers	55	.81– 1.00
	55	1.41– 1.60
	22	1.61– 1.80
	31	1.81– 2.00
	107	2.01– 2.20
	6	2.21– 2.40
	11	2.41– 2.60
Total	287	
Pullers at squeezers	7	1.21– 1.40
Roll turner	1	6.01– 6.20
Rollers	2	3.01– 3.20
	2	4.21– 4.40
	2	4.81– 5.00
	2	7.01– 7.20
Total	8	
Rollers' helpers	2	1.21– 1.40
	2	1.41– 1.60
Total	4	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

B.—Muck Bar Iron: 4 ESTABLISHMENTS IN 4 STATES—Concluded.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Roughers	1	$1.81–$2.00
	2	2.41– 2.60
	5	2.61– 2.80
	2	3.21– 3.40
Total	10	
Roughers' helpers	2	1.41– 1.60
Scrappers	5	4.81– 5.00
Scrappers' helpers	5	1.21– 1.40
	5	3.01– 3.20
Total	10	
Stable boss	1	2.01– 2.20
Stockers	3	1.21– 1.40
	4	1.41– 1.60
	4	1.81– 2.00
Total	11	
Stockers, boss	1	2.41– 2.60
	1	3.21– 3.40
	2	4.01– 4.20
Stockers, boss—concluded	1	$5.41–$5.60
Total	5	
Tap wheelers	15	1.21– 1.40
Teamsters	2	1.21– 1.40
	2	1.41– 1.60
	1	1.61– 1.80
Total	5	
Toolman	1	1.21– 1.40
Watchmen	1	1.21– 1.40
	2	1.41– 1.60
	2	1.81– 2.00
	3	2.01– 2.20
	1	2.21– 2.40
Total	9	
Weighmen	4	1.41– 1.60
	4	1.61– 1.80
	1	3.01– 3.20
Total	9	

C.—Finished Bar Iron: 2 ESTABLISHMENTS IN 1 STATE.

Blacksmiths	3	$1.41–$1.60
	1	1.61– 1.80
	1	2.21– 2.40
Total	5	
Blacksmiths' helper	1	1.41– 1.60
Carpenter and millwright	1	1.81– 2.00
Catchers	1	2.01– 2.20
	2	2.21– 2.40
	1	3.81– 4.00
Total	4	
Cinderman	1	1.21– 1.40
Engineers	2	1.21– 1.40
	1	1.81– 2.00
	1	2.41– 2.60
	2	2.81– 3.00
Total	6	
Engineer, locomotive	1	2.81– 3.00
Firemen	1	1.21– 1.40
	2	1.41– 1.60
	1	1.61– 1.80
Total	4	
Heaters	2	4.61– 4.80
	1	4.81– 5.00
	3	5.01– 5.20
Heaters—concluded	1	$5.61–$5.80
	2	7.01– 7.20
Total	9	
Heaters' helpers	4	.81– 1.00
	1	1.21– 1.40
	2	1.41– 1.60
	2	1.81– 2.00
	4	2.81– 3.00
Total	13	
Laborers	28	1.01– 1.20
	25	1.21– 1.40
	2	1.41– 1.60
	1	1.81– 2.00
Total	56	
Machinists	1	2.21– 2.40
	3	2.41– 2.60
Total	4	
Mason	1	2.61– 2.80
Metal wheeler	1	1.61– 1.80
Millwright	1	3.61– 3.80
Pullers-up (boys)	3	.21– .40
Roll turners	1	2.81– 3.00
	1	5.81– 6.00
Total	2	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

C.—Finished Bar Iron: 2 ESTABLISHMENTS IN 1 STATE—Concluded.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Rollers	4	$3.81–$4.00
	1	5.21– 5.40
	2	10.61–10.80
Total	7	
Roller, boss	1	17.81–18.00
Roller's helpers	1	1.81– 2.00
	3	2.41– 2.60
Total	4	
Roughers	3	3.01– 3.20
	8	3.41– 3.60
	9	3.61– 3.80
Total	20	
Rougher-up	1	2.41– 2.60
Scrapers	3	1.21– 1.40
	2	1.41– 1.60
Scrapers—concluded	1	$1.61–$1.80
Total	6	
Shearmen	1	2.21– 2.40
	1	2.61– 2.80
Total	2	
Shearmen's helpers	2	1.21– 1.40
	2	1.61– 1.80
Total	4	
Stickers-in	3	.61– .80
	2	1.21– 1.40
	2	1.41– 1.60
Total	7	
Straighteners	11	.61– .80
	6	1.21– 1.40
	1	1.41– 1.60
Total	18	

D.—Steel Ingots: 4 ESTABLISHMENTS IN 4 STATES.

Ashmen	4	$1.41–$1.60
Blacksmiths	3	2.21– 2.40
	1	2.41– 2.60
	1	2.81– 3.00
Total	5	
Blacksmiths and blacksmiths' helpers.	8	1.81– 2.00
Blacksmith and laborer	1	1.21– 1.40
Blacksmiths' helpers	6	1.41– 1.60
Blowers	1	2.61– 2.80
	1	3.81– 4.00
	1	4.01– 4.20
Total	3	
Blowers, baking fan	3	1.61– 1.80
Blowers, converter	2	2.61– 2.80
Blowers and regulators	1	3.21– 3.40
	1	3.61– 3.80
Total	2	
Boilermaker	1	2.21– 2.40
Bottom builders	2	2.61– 2.80
	2	3.21– 3.40
	2	4.81– 5.00
Total	6	
Bottom builders' helpers	2	3.81– 4.00
Bottom builders' helper and grinder.	1	1.61– 1.80
Bottom men	4	$1.21–$1.40
	3	1.41– 1.60
	2	1.81– 2.00
Total	9	
Bottom man and coal handler	1	1.61– 1.80
Bottom man and masons' helper.	1	1.41– 1.60
Bottom man and stone handler.	1	1.41– 1.60
Brakemen, locomotive	3	1.41– 1.60
Bricklayers	3	2.81– 3.00
	9	3.81– 4.00
Total	12	
Bricklayers' helpers	2	1.41– 1.60
Carboneer	1	2.61– 2.80
Charger	1	2.41– 2.60
Charger and pushers' helper	1	2.81– 3.00
Chemists	1	1.61– 1.80
	1	1.81– 2.00
	1	3.41– 3.60
	1	8.21– 8.40
Total	4	
Cinder snappers	1	1.81– 2.00
	1	3.01– 3.20
	4	3.41– 3.60
Total	6	
Cinder snapper and cinder wheeler.	1	1.81– 2.00

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

D.—Steel Ingots: 4 ESTABLISHMENTS IN 4 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Cinder snapper and craneman	1	$2.81–$3.00
Cinder snapper and steel pourer.	1	5.21– 5.40
Cinder tapper	1	2.21– 2.40
Cinder tapper and ladle liner.	1	3.41– 3.60
Cinder tapper and manganese heater.	1	2.81– 3.00
Cinder wheelers	3	1.41– 1.60
Cinder wheeler and fireman.	1	1.61– 1.80
Cindermen	3	1.21– 1.40
	1	3.41– 3.60
	2	3.81– 4.00
	1	4.01– 4.20
Total	7	
Cinderman, furnace	1	1.41– 1.60
Cinderman and grinder	1	2.21– 2.40
Cindermen and metal wheelers.	2	3.21– 3.40
	1	3.61– 3.80
Total	3	
Cinderman and scrap loader.	1	2.81– 3.00
Cinderman and vesselman	1	2.61– 2.80
Cleaner, office	1	.81– 1.00
Coal handlers	5	1.21– 1.40
	31	1.41– 1.60
	3	1.61– 1.80
Total	39	
Coal wheelers	14	1.41– 1.60
Coal wheeler and fireman	1	1.41– 1.60
Coal wheeler and iron handler.	1	1.81– 2.00
Coal wheeler and laborer	1	1.41– 1.60
Coal wheeler and unloader	1	1.41– 1.60
Coke handlers	6	1.61– 1.80
Coke stockers	2	3.01– 3.20
Coke stocker and vessel repairer.	1	1.81– 2.00
Coke wheelers	2	1.81– 2.00
	2	2.01– 2.20
	2	3.21– 3.40
Total	6	
Coke wheelers and laborers	2	1.81– 2.00
Conductors	13	1.41– 1.60
	4	1.61– 1.80
	2	2.01– 2.20
Total	19	
Conductors and engineers	3	1.61– 1.80
	1	1.81– 2.00
Total	4	
Conductor and fireman	1	1.61– 1.80
Conductors and laborers	4	1.41– 1.60
Conductor and ladleman	1	2.01– 2.20
Conductor and mould cooler.	1	1.61– 1.80
Crane boys	2	$1.01–$1.20
Crane shifters	2	1.81– 2.00
Crane shifter and iron pourer.	1	2.41– 2.60
Cranemen	2	1.01– 1.20
	1	1.61– 1.80
Total	3	
Cranemen, hydraulic	3	1.21– 1.40
	4	1.61– 1.80
	1	1.81– 2.00
	6	2.21– 2.40
Total	14	
Cranemen, scrap	6	1.21– 1.40
	2	1.41– 1.60
Total	8	
Cranemen and laborers	2	1.41– 1.60
Cranemen and mould coolers.	1	1.41– 1.60
	1	1.61– 1.80
Total	2	
Cranemen and mouldmen	3	1.81– 2.00
	1	2.01– 2.20
	1	2.21– 2.40
Total	5	
Craneman and oiler	1	1.41– 1.60
Cranemen and runners	2	1.61– 1.80
	1	1.81– 2.00
Total	3	
Crushers	3	1.21– 1.40
Cupola firemen	2	6.41– 6.60
Cupola firemen's helpers	2	4.21– 4.40
Cupolamen	2	2.61– 2.80
	2	4.41– 4.60
Total	4	
Doormen and laborers	2	2.01– 2.20
Doorman and pusher	1	1.81– 2.00
Doorman and tester	1	1.61– 1.80
Doorman and vessel repairer.	1	2.01– 2.20
Driers	3	1.21– 1.40
Dropmen	2	1.41– 1.60
Dumpers	10	1.21– 1.40
Dumpers and iron handlers	3	1.41– 1.60
Dumper and laborer	1	1.21– 1.40
Engineers	1	1.21– 1.40
	1	1.41– 1.60
	7	1.61– 1.80
	1	1.81– 2.00
	1	2.01– 2.20
	4	2.21– 2.40
Total	15	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

D.—Steel Ingots: 4 ESTABLISHMENTS IN 4 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Engineers, fan	1	$1.41–$1.60
	2	1.81– 2.00
Total	3	
Engineers, grinding	2	1.81– 2.00
Engineers, locomotive	3	1.81– 2.00
	7	2.01– 2.20
Total	10	
Engineers and laborers	3	1.41– 1.60
	1	1.81– 2.00
Total	4	
Engineer and rigger	1	1.81– 2.00
Fillers, cupola	2	2.21– 2.40
Firemen	8	1.81– 2.00
	4	2.01– 2.20
Total	12	
Fireman and laborer	1	1.41– 1.60
Fireman and stocker	1	1.81– 2.00
Fireman and vesselman	1	1.61– 1.80
Foremen	1	3.81– 4.00
	1	4.41– 4.60
	3	4.81– 5.00
Total	5	
Foremen, converter	2	4.61– 4.80
Foremen, iron handlers	2	1.81– 2.00
Foremen, laborers	1	1.81– 2.00
	1	3.21– 3.40
Total	2	
Foreman, mixers	1	2.61– 2.80
Foremen, pitmen	2	4.41– 4.60
Foreman, stockers	1	4.01– 4.20
Gasmakers	2	1.81– 2.00
	2	2.41– 2.60
Total	4	
Gasmakers' helpers	4	1.41– 1.60
	3	1.61– 1.80
Total	7	
Gasmakers' helper and ladle liner.	1	1.81– 2.00
Gasmakers' helper and pit cleaner.	1	1.61– 1.80
Gasmakers' helper and stopper setter.	1	1.81– 2.00
Gasmakers' helper and tongsman.	1	2.61– 2.80
Greasers	4	1.81– 2.00
Grinders' helpers	6	1.61– 1.80
Grinders' helper and ladle racker.	1	1.61– 1.80
Grinders' helper and metal wheeler.	1	$2.21–$2.40
Hooker and laborer	1	2.01– 2.20
Ingot loaders	1	4.41– 4.60
	1	5.01– 5.20
	4	5.21– 5.40
Total	6	
Ingot loader and mould capper.	1	4.21– 4.40
Ingot loader and mould swinger.	1	5.21– 5.40
Inspector	1	2.61– 2.80
Inspector, mould	1	1.21– 1.40
Inspector, stock	1	2.21– 2.40
Iron handlers	8	1.01– 1.20
	12	1.41– 1.60
	38	1.61– 1.80
	3	2.01– 2.20
Total	61	
Iron handlers and laborers	14	1.41– 1.60
	1	1.81– 2.00
Total	15	
Iron handler and screener	1	1.21– 1.40
Iron handler and stocker	1	1.21– 1.40
Iron handlers and unloaders	6	1.41– 1.60
Iron melter and regulator	1	2.61– 2.80
Iron pourer	1	4.01– 4.20
Iron pourer and laborer	1	3.61– 3.80
Iron stocker	1	1.61– 1.80
Iron stocker and scrap loader.	1	1.81– 2.00
Janitors	2	.41– .60
Laborers	230	1.21– 1.40
	71	1.41– 1.60
	7	1.61– 1.80
	2	1.81– 2.00
Total	310	
Laborer and ladle liner	1	1.81– 2.00
Laborers and ladlemen	1	1.61– 1.80
	1	1.81– 2.00
Total	2	
Laborers and lifters	2	1.21– 1.40
Laborer and metal breaker	1	1.61– 1.80
Laborers and metal wheelers	1	1.41– 1.60
	2	1.81– 2.00
	1	3.01– 3.20
Total	4	
Laborers and mould cappers	1	1.81– 2.00
	1	2.41– 2.60
Total	2	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

D.—Steel Ingots: 4 ESTABLISHMENTS IN 4 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Laborer and mouldman	1	$1.61–$1.80
Laborers and oilers	2	1.41– 1.60
Laborers and pit cleaners	1	1.21– 1.40
	1	1.41– 1.60
Total	2	
Laborer and pitmen's helper	1	1.41– 1.60
Laborer and pusher	1	1.81– 2.00
Laborer and regulator	1	1.41– 1.60
Laborers and runners	2	1.61– 1.80
Laborers and scrapmen	6	1.41– 1.60
	3	1.61– 1.80
	1	2.01– 2.20
Total	10	
Laborers and stockers	3	1.41– 1.60
Laborers and unloaders	9	1.21– 1.40
	2	1.41– 1.60
Total	11	
Laborers and vessel cinders	2	2.01– 2.20
Laborer and vessel tender	1	1.41– 1.60
Laborer and weighman	1	1.61– 1.80
Ladle cleaners	1	3.01– 3.20
	1	3.81– 4.00
Total	2	
Ladle liners	1	1.01– 1.20
	1	1.81– 2.00
	5	2.01– 2.20
	1	2.41– 2.60
	2	2.81– 3.00
	2	3.01– 3.20
	1	3.21– 3.40
	1	4.41– 4.60
Total	14	
Ladle liner and ladle packer	1	3.01– 3.20
Ladle liners and pushers	2	2.01– 2.20
Ladle liners and vessel cinders.	1	1.81– 2.00
	1	2.21– 2.40
Total	2	
Ladle liner and vessel repairer.	1	1.21– 1.40
Ladle liner and vesselman	1	6.01– 6.20
Ladle liners' helpers	1	3.41– 3.60
	1	3.81– 4.00
Total	2	
Ladle racker	1	1.61– 1.80
Ladle stoppers	2	1.21– 1.40
	1	3.61– 3.80
	1	4.41– 4.60
Total	4	

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Ladlemen	2	$1.21–$1.40
	1	1.61– 1.80
	1	1.81– 2.00
	4	2.21– 2.40
	2	2.61– 2.80
	2	2.81– 3.00
	2	3.41– 3.60
Total	14	
Ladleman and mouldman	1	2.61– 2.80
Ladleman and pit cleaner	1	1.61– 1.80
Ladleman and runner	1	1.61– 1.80
Ladlemen and scrap cleaners	1	1.41– 1.60
	1	1.81– 2.00
Total	2	
Ladlemen's helpers	3	1.21– 1.40
Ladlemen's helper and pitmen's helper.	1	1.61– 1.80
Liftmen	3	1.21– 1.40
Limestone wheelers	1	1.21– 1.40
	1	1.61– 1.80
Total	2	
Loam mixer	1	1.61– 1.80
Machinists	3	1.81– 2.00
	1	2.21– 2.40
	8	2.41– 2.60
Total	12	
Machinists' helpers	4	1.21– 1.40
Machinists' helper and oiler	1	1.21– 1.40
Manganese heaters	1	1.21– 1.40
	1	1.41– 1.60
	4	3.41– 3.60
	2	5.21– 5.40
Total	8	
Manganese heater and scrapman.	1	1.41– 1.60
Manganese heaters' helpers	1	1.81– 2.00
	2	2.61– 2.80
	2	2.81– 3.00
Total	5	
Masons	1	2.01– 2.20
	1	3.01– 3.20
	4	3.21– 3.40
	2	3.81– 4.00
Total	8	
Masons' helpers	7	1.41– 1.60
	1	1.61– 1.80
Total	8	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

D.—Steel Ingots: 4 ESTABLISHMENTS IN 4 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Master mechanics	1	$3.41–$3.60
	1	6.41– 6.60
Total	2	
Mechanics	2	1.61– 1.80
	1	1.81– 2.00
	1	2.01– 2.20
	1	2.21– 2.40
Total	5	
Mechanics' helper	1	1.41– 1.60
Melters	1	3.01– 3.20
	2	3.21– 3.40
	1	3.81– 4.00
Total	4	
Melter and melters' helper	1	2.21– 2.40
Melter and scrapman	1	2.41– 2.60
Melters' helpers	2	1.81– 2.00
Metal stocker	1	2.41– 2.60
Metal stockers and scrap handlers.	1	2.21– 2.40
	1	3.01– 3.20
Total	2	
Metal washer	1	1.41– 1.60
Metal wheelers	13	2.21– 2.40
	9	3.41– 3.60
	1	3.81– 4.00
Total	23	
Metal wheeler and puller-down.	1	2.01– 2.20
Metal wheelers and scrap stockers.	1	1.61– 1.80
	1	2.01– 2.20
	1	2.21– 2.40
Total	3	
Mould capper	1	3.61– 3.80
Mould cappers and pushers	2	3.41– 3.60
Mould coolers	8	1.21– 1.40
Mould cooler and stocker	1	1.61– 1.80
Mould setters	4	5.21– 5.40
Mould swingers	2	5.01– 5.20
	1	5.21– 5.40
	1	5.61– 5.80
Total	4	
Mould washers	5	1.41– 1.60
Mouldmen	1	1.81– 2.00
	1	2.21– 2.40
	2	2.41– 2.60
	7	2.81– 3.00
	10	3.01– 3.20
	4	3.21– 3.40
	1	3.41– 3.60
Total	26	
Mouldman and scrap cleaner	1	$2.41–$2.60
Mouldman and scrapman	1	1.81– 2.00
Oilers	6	1.21– 1.40
Painters	2	1.41– 1.60
	1	1.61– 1.80
Total	3	
Panhouse men	9	1.21– 1.40
Panhouse man and scrapman	1	1.41– 1.60
Pipe fitters	2	1.41– 1.60
	1	1.61– 1.80
	1	2.21– 2.40
Total	4	
Pit cleaners	12	1.41– 1.60
	11	2.41– 2.60
Total	23	
Pitmen	2	1.61– 1.80
	6	3.41– 3.60
	9	3.61– 3.80
Total	17	
Pitman and pusher	1	2.21– 2.40
Pitman and pushers' helper	1	3.01– 3.20
Pitmen and sanders	1	2.61– 2.80
	1	3.01– 3.20
Total	2	
Pitmen and vessel cinders	2	3.01– 3.20
Pitmen's helpers	6	1.21– 1.40
	4	1.41– 1.60
Total	10	
Pullers-down	1	1.41– 1.60
	5	1.61– 1.80
Total	6	
Pumpmen	7	1.41– 1.60
Pushers	1	2.01– 2.20
	1	2.21– 2.40
	2	3.01– 3.20
Total	4	
Pushers and sanders	2	2.01– 2.20
Pusher and test catcher	1	2.01– 2.20
Pushers and vessel cinders	2	2.41– 2.60
Pusher and vessel repairer	1	1.81– 2.00
Regulators	2	1.41– 1.60
	4	1.61– 1.80
	1	1.81– 2.00
	7	2.01– 2.20
	2	2.61– 2.80
	2	3.01– 3.20

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

D.—Steel Ingots: 4 ESTABLISHMENTS IN 4 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Regulators—concluded	1	$3.21–$3.40
	1	4.01– 4.20
Total	20	
Regulator and test boy	1	1.61– 1.80
Regulator and tester	1	1.61– 1.80
Regulator and water boy	1	.81– 1.00
Riggers	2	1.41– 1.60
	1	1.81– 2.00
Total	3	
Roofer	1	1.21– 1.40
Runners	1	1.81– 2.00
	4	2.21– 2.40
	4	2.41– 2.60
	1	2.81– 3.00
Total	10	
Runner and scrap cleaner	1	1.61– 1.80
Runner and slagman	1	1.81– 2.00
Runners and spiegelmelters' helpers.	2	2.41– 2.60
Scrap boys	6	.61– .80
	1	.81– 1.00
Total	7	
Scrap cleaners	22	1.21– 1.40
	3	1.41– 1.60
Total	25	
Scrap cleaner and spiegel melter's helper.	1	1.61– 1.80
Scrap cleaners and stockers.	1	1.41– 1.60
	1	1.81– 2.00
Total	2	
Scrap stockers	3	1.41– 1.60
	1	3.01– 3.20
Total	4	
Scrap stockers and scrappers	2	2.41– 2.60
	1	2.61– 2.80
Total	3	
Scrap wheelers	4	1.41– 1.60
Scrapmen	12	1.21– 1.40
	3	1.41– 1.60
	22	1.81– 2.00
	3	2.21– 2.40
	2	2.81– 3.00
Total	42	
Scrapmen and unloaders	2	1.61– 1.80
Scrapmen and water carriers	1	$1.21–$1.40
	2	1.81– 2.00
Total	3	
Scrappers	1	3.01– 3.20
	1	3.41– 3.60
	1	3.81– 4.00
Total	3	
Screeners	2	1.41– 1.60
Slagmen	2	1.21– 1.40
	1	1.41– 1.60
Total	3	
Slurry mixers	4	1.21– 1.40
Steel pourers	2	3.01– 3.20
	2	6.41– 6.60
Total	4	
Stockers	17	1.21– 1.40
	16	1.81– 2.00
	16	2.01– 2.20
	1	2.41– 2.60
	1	2.61– 2.80
Total	51	
Stocker and unloader	1	1.61– 1.80
Stone breaker	1	1.81– 2.00
Stone wheelers	2	1.61– 1.80
Stopper carriers	2	5.01– 5.20
Stopper carriers and stopper setters.	4	3.41– 3.60
	1	3.61– 3.80
Total	5	
Stopper carrier and vessel cinder.	1	2.81– 3.00
Stopper setters	2	5.01– 5.20
Stopper maker	1	2.01– 2.20
Storekeepers	3	1.61– 1.80
Sweeper	1	1.41– 1.60
Sweeper and water carrier	1	1.41– 1.60
Tappers, cupola	4	3.01– 3.20
Test boys	4	1.41– 1.60
Test catchers	4	1.41– 1.60
Testers	1	1.41– 1.60
	1	6.81– 7.00
Total	2	
Timekeeper	1	2.41– 2.60
Transfermen	2	1.61– 1.80
	1	1.81– 2.00
	1	2.41– 2.60
Total	4	
Unloaders	11	1.41– 1.60

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

D.—Steel Ingots: 4 ESTABLISHMENTS IN 4 STATES—Concluded.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Vessel cinders	1	$2.21–$2.40
	2	2.81– 3.00
Total	3	
Vessel repairers	3	1.61– 1.80
	1	2.21– 2.40
Total	4	
Vessel scrapers	1	.81– 1.00
	2	1.61– 1.80
	2	2.01– 2.20
Total	5	
Vessel tenders	3	1.21– 1.40
	4	1.41– 1.60
Total	7	
Vesselmen	9	2.61– 2.80
	2	2.81– 3.00
	1	3.01– 3.20
	1	3.21– 3.40
	1	3.81– 4.00
	2	4.21– 4.40
	2	4.41– 4.60
	1	5.81– 6.00
	1	6.61– 6.80
Total	20	
Watchmen	1	$1.01–$1.20
	13	1.41– 1.60
	1	2.81– 3.00
Total	15	
Water boys	6	.41– .60
	9	.61– .80
Total	15	
Water carriers	7	1.21– 1.40
Water tenders	2	1.41– 1.60
	2	2.21– 2.40
Total	4	
Weighmasters	1	1.61– 1.80
	6	2.61– 2.80
Total	7	
Weighmen	2	1.21– 1.40
	3	1.61– 1.80
	4	1.81– 2.00
Total	9	

E.—Steel Billets: 1 ESTABLISHMENT.

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Blacksmiths' helpers	2	$1.41–$1.60
Boilermakers' helpers	2	1.61– 1.80
Carboneers	2	2.21– 2.40
Carpenters	1	1.21– 1.40
	1	1.41– 1.60
	1	2.01– 2.20
	1	2.41– 2.60
Total	4	
Chargers	4	1.61– 1.80
	27	1.81– 2.00
	18	2.21– 2.40
	2	2.41– 2.60
Total	51	
Charger and chipper	1	1.61– 1.80
Charger and furnace helper	1	2.41– 2.60
Charger and guide	1	1.81– 2.00
Chargers and heaters' helpers	4	2.01– 2.20
Charger and hooker	1	2.61– 2.80
Charger and laborer	1	1.41– 1.60
Chargers and sweepers	2	1.61– 1.80
Chargers and tongsmen	2	2.01– 2.20
Charger and transmitter	1	2.01– 2.20
Chippers	1	1.21– 1.40
		1.41– 1.60
		1.81– 2.00
Chippers—concluded	1	$2.41–$2.60
Total	7	
Chipper and mason's helper	1	1.81– 2.00
Cleaner, office	1	.81– 1.00
Conductors	9	1.41– 1.60
Conductor and fireman	1	1.61– 1.80
Conductor and oiler	1	1.21– 1.40
Conductor and transmitter	1	1.41– 1.60
Cradlemen	1	1.81– 2.00
	1	2.41– 2.60
Total	2	
Cradlemen and tablemen	1	1.41– 1.60
	1	1.61– 1.80
Total	2	
Cradleman and transmitter	1	1.81– 2.00
Crane boy	1	.81– 1.00
Cranemen	3	1.61– 1.80
Cutters	1	2.41– 2.60
	1	2.61– 2.80
	1	2.81– 3.00
	3	3.01– 3.20
	1	3.61– 3.80
Total	7	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

E.—Steel Billets: 1 ESTABLISHMENT—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Door boys	23	$0.61–$0.80
	1	.81– 1.00
Total	24	
Door boy and table boy	1	.81– 1.00
Door boy and transmitter	1	1.21– 1.40
Dropmen	1	1.21– 1.40
	1	1.41– 1.60
Total	2	
Engineers	5	1.61– 1.80
	3	1.81– 2.00
Total	8	
Engineers, locomotive	16	2.01– 2.20
Firemen	2	1.41– 1.60
	2	1.81– 2.00
	5	2.01– 2.20
Total	9	
Foreman, chippers	1	3.81– 4.00
Foreman, laborers	1	3.81– 4.00
Foremen, mill	1	5.01– 5.20
	1	5.21– 5.40
Total	2	
Forgers	2	1.81– 2.00
Furnace helpers	2	2.21– 2.40
Guides	4	1.61– 1.80
	5	1.81– 2.00
Total	9	
Guides and tongsmen	2	2.01– 2.20
Guide and transmitter	1	2.01– 2.20
Hammer drivers	4	2.61– 2.80
Heaters	3	2.61– 2.80
	10	2.81– 3.00
Total	13	
Heaters' helpers	20	2.01– 2.20
Heaters' helper and hooker	1	2.41– 2.60
Heaters' helper and lighter-up.	1	1.81– 2.00
Heaters' helper and tongsman.	1	2.21– 2.40
Heaters' helpers and transmitters.	1	1.81– 2.00
	1	2.01– 2.20
Total	2	
Hookers	3	2.21– 2.40
	4	2.41– 2.60
	4	3.01– 3.20
Total	11	
Hookers, tumble	5	$3.41–$3.60
Hooker and screwman	1	2.21– 2.40
Hookers and tongsmen	1	2.21– 2.40
	1	2.61– 2.80
Total	2	
Inspectors	1	2.01– 2.20
	1	2.61– 2.80
Total	2	
Inspector and stamper	1	1.81– 2.00
Inspector and weighman	1	1.81– 2.00
Janitor	1	.41– .60
Laborers	44	1.21– 1.40
Levermen	3	2.21– 2.40
	2	2.41– 2.60
Total	5	
Lighter-up	1	.81– 1.00
Machinists	1	1.81– 2.00
	1	2.21– 2.40
	1	2.41– 2.60
Total	3	
Mail boys	2	.41– .60
Masons	3	3.21– 3.40
	1	3.81– 4.00
Total	4	
Masons' helpers	10	1.41– 1.60
Oilers	1	1.21– 1.40
	1	1.41– 1.60
Total	2	
Painter	1	2.21– 2.40
Pipefitters	2	1.41– 1.60
	1	2.21– 2.40
Total	3	
Riggers	2	1.41– 1.60
Screwmen	5	2.41– 2.60
Stampers	3	2.21– 2.40
Storekeeper	1	1.61– 1.80
Storekeeper's helper	1	1.21– 1.40
Sweepers	6	1.41– 1.60
Table boys	1	1.21– 1.40
	3	1.41– 1.60
Total	4	
Tablemen	3	1.81– 2.00
Tableman and transmitter	1	1.81– 2.00

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

E.—Steel Billets: 1 ESTABLISHMENT—Concluded.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Tongsmen	6	$2.21–$2.40
	2	2.41– 2.60
Total	8	
Tongsmen and transmitters	2	2.21– 2.40
Transferman	1	1.61– 1.80
Transmitters, car	1	1.61– 1.80
	4	2.01– 2.20
	3	2.21– 2.40
	1	2.41– 2.60
Total	9	
Transmitters, hook	4	2.21– 2.40
	1	2.41– 2.60
Transmitters, hook—concluded.	1	$3.41–$3.60
Total	6	
Transmitters, hydraulic	2	1.81– 2.00
Watchmen	4	1.41– 1.60
	1	2.81– 3.00
Total	5	
Water carrier	1	1.21– 1.40
Water tenders	2	1.41– 1.60
Weighmaster	1	2.21– 2.40
Weighmen	2	1.61– 1.80

F.—Steel Blooms: 2 ESTABLISHMENTS IN 2 STATES.

Ashmen	5	$1.41–$1.60
	3	1.61– 1.80
Total	8	
Ashmen (with teams)	2	2.01– 2.20
Blacksmiths	1	2.21– 2.40
	2	2.41– 2.60
	1	2.81– 3.00
	1	3.01– 3.20
Total	5	
Blacksmiths' helpers	4	1.81– 2.00
Brakemen	13	1.41– 1.60
	1	1.81– 2.00
Total	14	
Brakeman, locomotive	1	1.61– 1.80
Bricklayer	1	2.41– 2.60
Bricklayers and laborers	1	1.41– 1.60
	1	2.61– 2.80
Total	2	
Carpenters	2	1.81– 2.00
	1	2.01– 2.20
	11	2.21– 2.40
Total	14	
Chargers	1	3.41– 3.60
	5	3.61– 3.80
	2	4.01– 4.20
Total	8	
Charger and doorman	1	3.41– 3.60
Chargers and drawers	11	2.61– 2.80
	1	2.81– 3.00
Chargers and drawers—concluded.	1	$3.21–$3.40
Total	13	
Charger and loader	1	2.01– 2.20
Charger and scrap wheeler	1	2.41– 2.60
Chargers' helpers	1	.81– 1.00
	2	1.41– 1.60
Total	3	
Cinder wheeler	1	1.41– 1.60
Coal dumper	1	1.41– 1.60
Crane boys	1	.81– 1.00
	3	1.81– 2.00
Total	4	
Crane boy and door boy	1	1.01– 1.20
Door boys	7	.81– 1.00
Door boy and laborer	1	.81– 1.00
Doorman and hooker-up	1	2.81– 3.00
Doormen and laborers	4	1.61– 1.80
	1	1.81– 2.00
Total	5	
Doorman and telegraphman	1	3.41– 3.60
Drawers	4	3.61– 3.80
	3	3.81– 4.00
Total	7	
Drawer and heaters' helper	1	2.81– 3.00
Engineers	1	1.61– 1.80
	1	1.81– 2.00
	5	2.81– 3.00
	1	3.01– 3.20
Total	8	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

F.—Steel Blooms: 2 ESTABLISHMENTS IN 2 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 578 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Engineer, drop	1	$1.41–$1.60
Engineers, locomotive	1	1.41– 1.60
	5	1.81– 2.00
	2	2.21– 2.40
Total	8	
Engineer and machinist	1	2.81– 3.00
Firemen	1	1.61– 1.80
	27	1.81– 2.00
Total	28	
Fireman and firemen's helper	1	1.61– 1.80
Firemen and laborers	11	1.61– 1.80
Firemen's helpers	4	1.41– 1.60
Foremen, drop	2	1.61– 1.80
Foreman, drop, assistant	1	1.41– 1.60
Foremen, laborers	1	1.81– 2.00
	1	2.61– 2.80
Total	2	
Foreman, laborers, assistant	1	1.41– 1.60
Foreman, scull breakers	1	2.21– 2.40
Foreman, track	1	1.41– 1.60
Gasman	1	1.81– 2.00
Gasman's helper	1	1.61– 1.80
Greasers	2	1.61– 1.80
Heaters	1	4.01– 4.20
	4	5.21– 5.40
	1	7.21– 7.40
	1	7.61– 7.80
Total	7	
Heaters' helpers	2	3.01– 3.20
	3	3.21– 3.40
	2	4.21– 4.40
	1	4.61– 4.80
	1	4.81– 5.00
Total	9	
Hookers-up	1	3.61– 3.80
	4	4.01– 4.20
	7	4.21– 4.40
	1	4.41– 4.60
	1	5.21– 5.40
Total	14	
Laborers	107	1.21– 1.40
	54	1.41– 1.60
	10	1.61– 1.80
Total	171	
Laborers, boiler	89	1.41– 1.60
	1	1.61– 1.80
Total	90	
Laborers, railroad	7	1.21– 1.40
Laborers and metal breakers	3	1.41– 1.60
Laborer and pressman	1	$1.41–$1.60
Laborer and scrap wheeler	1	1.61– 1.80
Laborer and water tender	1	1.81– 2.00
Loaders	6	1.61 1.80
	2	1.81– 2.00
Total	8	
Machinists	2	1.41– 1.60
	1	1.61– 1.80
	2	1.81– 2.00
	4	2.01– 2.20
	3	2.21– 2.40
	1	2.41– 2.60
	1	2.61– 2.80
	1	2.81– 3.00
	1	3.01– 3.20
	1	3.41– 3.60
Total	17	
Machinists' apprentice	1	.81– 1.00
Machinists' helpers	1	.81– 1.00
	1	1.21– 1.40
	1	1.41– 1.60
	2	1.61– 1.80
	1	1.81– 2.00
Total	6	
Master machinists	1	3.01– 3.20
	1	3.81– 4.00
Total	2	
Metal breakers	15	1.81– 2.00
Metal worker	1	2.81– 3.00
Metal worker and metal worker's helper.	1	2.81– 3.00
Metal worker's helpers	2	2.61– 2.80
Mixers and mixers' helpers	1	1.41– 1.60
	4	1.81– 2.00
Total	5	
Oilers	8	1.61– 1.80
Plumber	1	1.81– 2.00
Plumber's helper	1	1.41– 1.60
Pressmen	1	1.61– 1.80
	1	1.81– 2.00
	1	3.01– 3.20
Total	3	
Pressmen's helpers	2	1.21– 1.40
	3	1.61– 1.80
Total	5	
Pump reversers	2	1.41– 1.60
Repairer, cupola	1	2.41– 2.60
Roll hands	6	2.81– 3.00
Roll hand and roller	1	3.81– 4.00
Rollers	2	5.01– 5.20

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

F.—Steel Blooms: 2 ESTABLISHMENTS IN 2 STATES—Concluded.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Rollers—concluded	1	$7.01–$7.20
	1	7.61– 7.80
Total	4	
Scrap wheelers	1	1.41– 1.60
	2	2.01– 2.20
	1	2.41– 2.60
	1	2.81– 3.00
Total	5	
Scrap wheelers and shearmen's helpers.	1	2.21– 2.40
	1	2.41– 2.60
Total	2	
Scull breakers	5	1.41– 1.60
Shearmen	2	3.81– 4.00
	1	5.21– 5.40
	1	5.61– 5.80
Total	4	
Shearmen's helpers	11	2.61– 2.80
	2	3.41– 3.60
	4	3.61– 3.80
Shearmen's helpers—concluded.	2	$3.81–$4.00
	2	4.21– 4.40
Total	21	
Steel loaders	11	1.81– 2.00
Stopper maker	1	2.01– 2.20
Telegraphmen	2	3.61– 3.80
Watchmen	2	1.41– 1.60
	1	1.61– 1.80
Total	3	
Water boys	3	.41– .60
Water tenders	1	2.01– 2.20
	6	2.21– 2.40
Total	7	
Weighmen	1	1.41– 1.60
	2	1.61– 1.80
	3	1.81– 2.00
Total	6	
Yardman	1	2.21– 2.40

G.—Mixed Iron and Steel: 9 ESTABLISHMENTS IN 6 STATES.

Acidman	1	$1.41–$1.60
Alleymen	2	1.61– 1.80
Ashmen	9	1.21– 1.40
	15	1.61– 1.80
Total	24	
Ashmen and firemen	1	1.21– 1.40
	1	1.41– 1.60
Total	2	
Ashman and stoker	1	1.21– 1.40
Assistants at furnace	2	1.61– 1.80
	2	1.81– 2.00
Total	4	
Axle hammermen	3	3.81– 4.00
	1	4.21– 4.40
Total	4	
Axle hammerman and blacksmith.	1	3.41– 3.60
Axle hammermen's helpers	2	1.61– 1.80
	5	1.81– 2.00
Total	7	
Billet wheeler and drag-out	1	1.61– 1.80
Blacksmiths	1	$1.41–$1.60
	2	1.81– 2.00
	8	2.21– 2.40
	4	2.41– 2.60
	4	2.61– 2.80
	2	2.81– 3.00
	5	3.21– 3.40
	1	3.41– 3.60
	1	4.01– 4.20
Total	28	
Blacksmith and blacksmiths' helper.	1	1.81– 2.00
Blacksmiths' helpers	3	.61– .80
	1	1.21– 1.40
	24	1.41– 1.60
	9	1.61– 1.80
	5	1.81– 2.00
Total	42	
Blacksmiths' helper and catcher.	1	.21– 1.40
Blacksmiths' helper and oiler	1	1.41– 1.60
Bloom boy	1	1.41– 1.60
Bloom tossers	4	1.61– 1.80
Boiler cleaner	1	.81– 1.00
Boiler tenders	1	1.41– 1.60
	4	1.61– 1.80
Total	5	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

G.—Mixed Iron and Steel: 9 ESTABLISHMENTS IN 6 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Boiler tender and engineer	1	$1.81–$2.00
Boilermakers	1	2.01– 2.20
	1	2.21– 2.40
	2	2.41– 2.60
Total	4	
Boilermakers' helper	1	.81– 1.00
Boilermen	5	1.61– 1.80
Boilermen and gasmen	2	1.61– 1.80
Boilerman and painter	1	2.01– 2.20
Bolt cutters	7	1.21– 1.40
	3	1.41– 1.60
	1	1.61– 1.80
Total	11	
Bolt packers	2	.81– 1.00
Brakeman	1	1.61– 1.80
Brander	1	1.61– 1.80
Bricklayers	4	2.81– 3.00
	6	3.21– 3.40
	9	3.41– 3.60
	4	3.81– 4.00
	1	4.81– 5.00
Total	24	
Bricklayers' helpers	4	1.21– 1.40
	2	1.61– 1.80
	6	1.81– 2.00
	1	2.21– 2.40
Total	13	
Buggy-offs	3	1.41– 1.60
Buggymen	7	1.41– 1.62
	2	2.01– 2.20
Total	9	
Buggyman and heaters' helper.	1	1.81– 2.00
Bundlers	1	1.41– 1.60
	2	1.61– 1.80
Total	3	
Bundler and laborer	1	1.61– 1.80
Bundlers and shippers	5	1.21– 1.40
Call boy	1	1.21– 1.40
Callers	2	1.41– 1.60
Carpenters	1	1.41– 1.60
	2	1.61– 1.80
	8	1.81– 2.00
	3	2.01– 2.20
	5	2.21– 2.40
	17	2.41– 2.60
	1	2.61– 2.80
	4	2.81– 3.00
	1	3.81– 4.00
Total	42	
Carpenters' helper	1	$1.21–$1.40
Cartmen	2	1.21– 1.40
Cartmen's helper	1	1.01– 1.20
Catchers	1	1.21– 1.40
	18	1.41– 1.60
	9	1.61– 1.80
	5	1.81– 2.00
	6	2.01– 2.20
	5	2.21– 2.40
	3	3.61– 3.80
	1	4.21– 4.40
	4	4.81– 5.00
	1	5.21– 5.40
	1	5.41– 5.60
	1	7.61– 7.81
Total	55	
Catcher and drag-out	1	1.41– 1.60
Catcher and drawer-back	1	1.21– 1.40
Catchers and hookers	1	1.21– 1.40
	2	1.81– 2.00
Total	3	
Catcher and hooker-up	1	1.41– 1.60
Catchers and laborers	6	1.41– 1.60
	2	1.81– 2.00
Total	8	
Catchers and roughers	5	1.81– 2.00
	2	2.21– 2.40
	1	2.41– 2.60
	1	3.41– 3.60
Total	9	
Catchers and straighteners	1	1.61– 1.80
	1	2.01– 2.20
Total	2	
Catchers' helpers	1	2.81– 3.00
	1	3.21– 3.40
Total	2	
Chargers	14	1.21– 1.40
	9	1.41– 1.60
	3	1.61– 1.80
	1	2.21– 2.40
Total	27	
Charger and heater	1	4.41– 4.60
Chargers and heaters' helpers.	2	1.21– 1.40
Chargers and laborers	4	1.21– 1.40
Chargers and pilers	1	1.41– 1.60
	7	1.61– 1.80
Total	8	
Cinder boys	5	.61– .80

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

G.—Mixed Iron and Steel: 9 ESTABLISHMENTS IN 6 STATES—Continued.

This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Cinder wheelers	4	$1.41–$1.60
	14	1.61– 1.80
	1	1.81– 2.00
Total	19	
Cindermen	5	1.01– 1.20
	12	1.21– 1.40
	13	1.41– 1.60
	2	2.21– 2.40
Total	32	
Cindermen and laborers	1	1.01– 1.20
	1	1.21– 1.40
Total	2	
Cleaner	1	1.41– 1.60
Cleaner, office	1	.41– .60
Coal wheelers	10	1.21– 1.40
	4	1.41– 1.60
	1	1.61– 1.80
Total	15	
Coke wheeler	1	.81– 1.00
Counters	1	1.01– 1.20
	3	1.21– 1.40
Total	4	
Cranemen	2	.81– 1.00
	2	1.41– 1.60
	1	1.61– 1.80
	1	2.81– 3.00
Total	6	
Craneman and laborer	1	1.41– 1.60
Croppers	5	1.21– 1.40
	1	1.41– 1.60
	1	2.61– 2.80
Total	7	
Croppers and laborers	1	1.41– 1.60
	1	2.01– 2.20
Total	2	
Dippers	4	2.21– 2.40
	1	2.41– 2.60
	1	2.61– 2.80
Total	6	
Dipper and laborer	1	1.81– 2.00
Door boys	16	.41– .60
	2	.61– .80
	2	.81– 1.00
Total	20	
Door boy and lay-over	1	.61– .80
Door boys and stampers	2	.61– .80
Doublers	3	$1.41–$1.60
	14	1.61– 1.80
	1	1.81– 2.00
Total	18	
Doubler, sheet	1	.81– 1.00
Drag-backs	2	.81– 1.00
Drag-downs	2	1.61– 1.80
	4	2.21– 2.40
	2	2.41– 2.60
Total	8	
Drag-down and heater	1	2.61– 2.80
Drag-outs	1	1.21– 1.40
	4	1.41– 1.60
	3	1.61– 1.80
	14	1.81– 2.00
	4	2.01– 2.20
Total	26	
Drag-outs and lay-overs	2	1.01– 1.20
Drawers	10	1.41– 1.60
	1	1.61– 1.80
	2	1.81– 2.00
Total	13	
Drawer-back	1	1.21– 1.40
Drawer-back and scraper	1	1.01– 1.20
Drill grinder	1	1.81– 2.00
Drill grinder's helper	1	1.01– 1.20
Drivers	2	1.61– 1.80
Dumper	1	1.21– 1.40
Dumper and heaters' helper	1	1.41– 1.60
Engineers	2	1.21– 1.40
	2	1.41– 1.60
	4	1.61– 1.80
	18	1.81– 2.00
	1	2.01– 2.20
	9	2.21– 2.40
	8	2.41– 2.60
	2	2.81– 3.00
	1	4.21– 4.40
Total	47	
Engineers, axle hammer	1	1.41– 1.60
	3	1.81– 2.00
Total	4	
Engineers, chief	1	3.81– 4.00
	1	4.21– 4.40
Total	2	
Engineers, locomotive	1	1.81– 2.00
	1	2.01– 2.20
	1	2.41– 2.60
	1	2.61– 2.80
	1	3.01– 3.20
	1	3.21– 3.40
Total	6	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

G.—Mixed Iron and Steel: 9 ESTABLISHMENTS IN 6 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Engineers, machine shop	2	$1.61–$1.80
Engineers, rolls	4	1.81– 2.00
	2	2.21– 2.40
Total	6	
Engineer, shape hammer	1	2.81– 3.00
Engineers and laborers	1	1.41– 1.60
	1	1.61– 1.80
Total	2	
Engineers and machinists	1	1.61– 1.80
	1	2.01– 2.20
Total	2	
Engineer and roller	1	1.81– 2.00
Fagotmakers	1	1.21– 1.40
	1	2.21– 2.40
Total	2	
Fillers	48	1.61– 1.80
Fillers and laborers	2	1.41– 1.60
Filler and masons' helper	1	1.41– 1.60
Finishers	1	3.21– 3.40
	1	3.81– 4.00
Total	2	
Firemen	2	1.21– 1.40
	17	1.41– 1.60
	7	1.61– 1.80
	7	1.81– 2.00
Total	33	
Firemen, axle hammer	6	1.61– 1.80
	1	2.01– 2.20
Total	7	
Firemen, boiler	4	1.41– 1.60
	7	1.61– 1.80
	24	1.81– 2.00
	1	2.21– 2.40
Total	36	
Fireman, furnace	1	4.61– 4.80
Firemen, gashouse	45	1.21– 1.40
Firemen, locomotive	3	1.41– 1.60
	1	1.61– 1.80
Total	4	
Fireman, shape-hammer	1	1.81– 2.00
Fireman and foreman	1	1.81– 2.00
Fireman and hooker-up	1	1.41– 1.60
Firemen and laborers	1	1.21– 1.40
	7	1.41– 1.60
	1	1.61– 1.80
Total	9	
Fireman and shearman	1	$1.41–$1.60
Fireman and stocker	1	1.21– 1.40
Firemen and water tenders	2	1.61– 1.80
Foremen	1	2.01– 2.20
	5	2.81– 3.00
	1	4.41– 4.60
Total	7	
Foremen, blacksmiths	1	3.41– 3.60
	1	4.81– 5.00
Total	2	
Foremen, boiler	2	1.81– 2.00
Foreman, bricklayers	1	4.21– 4.40
Foreman, coke oven	1	2.61– 2.80
Foremen, gashouse	2	1.81– 2.00
	2	2.41– 2.60
Total	4	
Foremen, laborers	1	1.41– 1.60
	2	1.61– 1.80
	1	2.21– 2.40
	2	2.61– 2.80
Total	6	
Foremen, machinists	1	2.81– 3.00
	1	3.41– 3.60
Total	2	
Foremen, mill	1	6.01– 6.20
	1	7.81– 8.00
Total	2	
Foreman, puddlers	1	4.01– 4.20
Foreman, scrap pilers	1	2.61– 2.80
Foreman, shear room	1	4.21– 4.40
Foreman, yard	1	2.41– 2.60
Foreman and heater	1	4.41– 4.60
Forge cleaners	3	1.21– 1.40
Gasmakers	8	1.41– 1.60
	2	1.61– 1.80
Total	10	
Gasmaker and hammerman	1	3.01– 3.20
Gasmaker and heaters' helper	1	2.41– 2.60
Gasmaker and laborer	1	1.21– 1.40
Gatemen	3	.81– 1.00
	4	1.21– 1.40
	1	1.41– 1.60
Total	8	
Greasers	2	1.41– 1.60
Hammer drivers	1	1.41– 1.60
	2	1.61– 1.80
Total	3	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

G.—Mixed Iron and Steel: 9 ESTABLISHMENTS IN 6 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Hammerman	1	$5.41–$5.60
Hammerman and heaters' helper.	1	1.41– 1.60
Hammerman and laborer	1	1.21– 1.40
Hammermen's helpers	3	1.61– 1.80
Hammermen's helpers and laborers.	1	1.41– 1.60
	1	2.21– 2.40
Total	2	
Headers	4	1.81– 2.00
Heaters	9	1.21– 1.40
	1	1.41– 1.60
	1	1.61– 1.80
	16	1.81– 2.00
	1	2.41– 2.60
	2	2.81– 3.00
	1	3.01– 3.20
	1	3.21– 3.40
	5	3.41– 3.60
	2	3.61– 3.80
	7	3.81– 4.00
	7	4.01– 4.20
	1	4.21– 4.40
	8	4.41– 4.60
	5	4.61– 4.80
	3	4.81– 5.00
	1	5.01– 5.20
	3	5.61– 5.80
	3	5.81– 6.00
	5	6.01– 6.20
	2	6.41– 6.60
	1	6.61– 6.80
	2	6.81– 7.00
	7	7.01– 7.20
	1	7.21– 7.40
Total	95	
Heaters and heaters' helpers	1	2.41– 2.60
	1	3.41– 3.60
	2	3.61– 3.80
	2	4.61– 4.80
Total	6	
Heaters and laborers	1	1.21– 1.40
	1	1.61– 1.80
	1	3.81– 4.00
Total	3	
Heaters' helpers	1	.61– .80
	1	.81– 1.00
	8	1.21– 1.40
	17	1.61– 1.80
	13	1.81– 2.00
	9	2.01– 2.20
	18	2.21– 2.40
	1	2.41– 2.60
	4	2.81– 3.00
Total	72	
Heater's helpers and laborers	2	1.41– 1.60
	2	1.61– 1.80
	5	1.81– 2.00
Total	9	
Heaters' helpers and pilers	2	1.61– 1.80
Heaters' helper and puddlers' helper.	1	$2.01–$2.20
Heaters' helper and scrappers' helper.	1	1.01– 1.20
Heavers-up	1	1.41– 1.60
	1	1.61– 1.80
	2	1.81– 2.00
Total	4	
Helpers	3	1.21– 1.40
	12	1.41– 1.60
	13	1.61– 1.80
	8	1.81– 2.00
	1	2.21– 2.40
Total	37	
Helpers and laborers	2	1.61– 1.80
Hookers	1	.81– 1.00
	7	1.01– 1.20
	12	1.21– 1.40
	3	1.41– 1.60
	8	1.61– 1.80
	2	1.81– 2.00
Total	33	
Hookers and laborers	3	1.41– 1.60
Hooker and rougher	1	1.41– 1.60
Hooker and rougher-down	1	2.21– 2.40
Hookers and straighteners	4	1.01– 1.20
Hookers-in	1	1.41– 1.60
	1	1.81– 2.00
	5	2.01– 2.20
Total	7	
Hookers-out	2	1.41– 1.60
	2	1.81– 2.00
Total	4	
Hooker-out and laborer	1	1.41– 1.60
Hookers-up	6	1.21– 1.40
	15	1.41– 1.60
	24	1.61– 1.80
	4	1.81– 2.00
	1	2.21– 2.40
Total	50	
Hookers-up and laborers	1	1.01– 1.20
	1	1.21– 1.40
	1	1.41– 1.60
Total	3	
Hooker-up and piler	1	1.41– 1.60
Hookers-up and roughers	1	1.61– 1.80
	2	2.21– 2.40
Total	3	
Hooker-up and straightener	1	1.41– 1.60
Iron tester	1	1.81– 2.00

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

G.—Mixed Iron and Steel: 9 ESTABLISHMENTS IN 6 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Iron tester and stoker	1	$1.61–$1.80
Janitor	1	1.21– 1.40
Keeper-up and lighter-up	1	2.01– 2.20
Laborers	6	.41– .60
	35	.61– .80
	143	.81– 1.00
	511	1.01– 1.20
	1,246	1.21– 1.40
	206	1.41– 1.60
	15	1.61– 1.80
	33	1.81– 2.00
	4	2.21– 2.40
	2	2.61– 2.80
	1	2.81– 3.00
Total	2,202	
Laborers (boys)	9	.41– .60
	52	.61– .80
	73	.81– 1.00
	4	1.01– 1.20
Total	138	
Laborer and mason	1	1.41– 1.60
Laborer and masons' helper	1	1.21– 1.40
Laborer and moulder	1	1.41– 1.60
Laborer and ore crusher	1	1.41– 1.60
Laborer and piler	1	1.41– 1.60
Laborer and pipe fitter	1	1.41– 1.60
Laborers and platemen	3	1.41– 1.60
Laborers and puddlers' helpers.	2	1.41– 1.60
	1	2.21– 2.40
Total	3	
Laborers and punchers	1	1.61– 1.80
	1	1.81– 2.00
Total	2	
Laborer and reverser	1	1.41– 1.60
Laborers and rollers	1	1.81– 2.00
	1	2.21– 2.40
Total	2	
Laborer and rougher-down	1	2.21– 2.40
Laborers and shearmen	1	1.01– 1.20
	2	1.41– 1.60
Total	3	
Laborers and stockers	2	1.21– 1.40
	1	1.41– 1.60
Total	3	
Laborers and straighteners	1	1.01– 1.20
	2	1.41– 1.60
	1	1.61– 1.80
	2	1.81– 2.00
Total	6	
Laborer and switchman	1	$1.61–$1.80
Laborer and telegraphman	1	1.41– 1.60
Laborer and water tender	1	1.41– 1.60
Laborer and weighman	1	1.61– 1.80
Lathemen	1	1.41– 1.60
	1	1.61– 1.80
Total	2	
Lay-overs	5	1.21– 1.40
Lay-over and puncher	1	.81– 1.00
Lever boys	2	1.41– 1.60
Machinists	4	1.21– 1.40
	3	1.41– 1.60
	8	1.61– 1.80
	7	1.81– 2.00
	4	2.01– 2.20
	14	2.21– 2.40
	27	2.41– 2.60
	11	2.61– 2.80
	2	2.81– 3.00
	1	3.21– 3.40
Total	81	
Machinist and puncher	1	2.61– 2.80
Machinists' helpers	3	.41– .60
	2	.61– .80
	1	.81– 1.00
	1	1.01– 1.20
	10	1.21– 1.40
	6	1.41– 1.60
	2	1.61– 1.80
Total	25	
Masons	1	1.21– 1.40
	13	3.01– 3.20
	1	3.21– 3.40
	1	3.41– 3.60
	2	3.61– 3.80
	2	3.81– 4.00
Total	20	
Masons' helpers	20	1.21– 1.40
	4	1.41– 1.60
	1	1.61– 1.80
Total	25	
Master mechanic	1	3.21– 3.40
Matchers	1	1.41– 1.60
	6	1.61– 1.80
	5	1.81– 2.00
Total	12	
Mauler and puncher	1	1.41– 1.60
Metal breakers	11	1.61– 1.80
	4	1.81– 2.00
Total	15	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

G.—Mixed Iron and Steel: 9 ESTABLISHMENTS IN 6 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Millwrights	2	$2.21–$2.40
	1	2.81– 3.00
	1	3.21– 3.40
	1	3.41– 3.60
	1	4.41– 4.60
Total	6	
Millwrights, assistant	2	1.61– 1.80
	1	1.81– 2.00
	1	2.01– 2.20
Total	4	
Nut dresser	1	1.41– 1.60
Nut tappers	2	1.41– 1.60
Office boys	2	.41– .60
Oilers	4	1.21– 1.40
	1	1.41– 1.60
Total	5	
Oiler and puddlers' helper	1	1.41– 1.60
Oil-room hands	1	1.21– 1.40
	1	1.81– 2.00
Total	2	
Ore grinders	1	1.41– 1.60
	1	1.61– 1.80
Total	2	
Ore wheeler	1	1.61– 1.80
Packers	1	.81– 1.00
	1	1.21– 1.40
Total	2	
Patternmakers	1	1.21– 1.40
	1	1.81– 2.00
	1	3.41– 3.60
Total	3	
Picklers	1	1.41– 1.60
	2	1.61– 1.80
	1	1.81– 2.00
Total	4	
Picklers' helpers	5	1.41– 1.60
	1	1.61– 1.80
Total	6	
Pilers	18	1.21– 1.40
	20	1.41– 1.60
	1	1.61– 1.80
Total	39	
Piler and puncher	1	1.21– 1.40
Pin pointers	8	.61– .80
Pipe fitters	1	1.41– 1.60
Pipe fitters—concluded	2	$1.61–$1.80
	1	3.01– 3.20
Total	4	
Pipe-line boss	1	2.41– 2.60
Pitman	1	1.21– 1.40
Platemen	26	1.61– 1.80
Plateman and straightener	1	1.01– 1.20
Poke-ins	5	1.41– 1.60
	2	2.21– 2.40
Total	7	
Policemen	2	1.21– 1.40
	14	1.41– 1.60
Total	16	
Porter	1	1.41– 1.60
Puddlers	16	1.01– 1.20
	8	1.21– 1.40
	14	1.61– 1.80
	13	1.81– 2.00
	26	2.01– 2.20
	4	2.21– 2.40
	110	3.21– 3.40
	2	3.61– 3.80
	3	3.81– 4.00
	6	4.01– 4.20
	2	4.61– 4.80
Total	204	
Puddlers, boss	1	1.81– 2.00
	1	2.61– 2.80
	1	3.81– 4.00
Total	3	
Puddler and puddlers' helper	1	3.21– 3.40
Puddlers' helpers	21	.61– .80
	16	.81– 1.00
	1	1.01– 1.20
	44	1.21– 1.40
	1	1.41– 1.60
	6	1.81– 2.00
	117	2.01– 2.20
	3	2.61– 2.80
Total	209	
Puddlers' helper and rougher-up.	1	2.01– 2.20
Puddlers' helper and shearmen's helper.	1	1.41– 1.60
Pullers-down	2	1.21– 1.40
	4	1.41– 1.60
	4	1.61– 1.80
Total	10	
Pullers-out	9	1.41– 1.60
Puller-out and rougher	1	1.61– 1.80

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

G.—Mixed Iron and Steel: 9 ESTABLISHMENTS IN 6 STATES—Continued.

[This table has been derived from the tables on pages 206 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Pullers-up	5	$0.61–$0.80
	1	.81– 1.00
	6	1.21– 1.40
Total	12	
Pullers-up (boys)	6	.41– .60
Pumpmen	2	1.61– 1.80
Punchers	18	.61– .80
	12	.81– 1.00
	11	1.21– 1.40
	4	1.61– 1.80
	2	2.21– 2.40
Total	47	
Puncher and straightener	1	1.61– 1.80
Reversers	9	1.01– 1.20
Rigger	1	1.61– 1.80
Roll cleaners	1	1.01– 1.20
	1	1.21– 1.40
Total	2	
Roll turners	1	2.41– 2.60
	1	3.41– 3.60
	3	3.81– 4.00
	1	4.81– 5.00
	1	6.61– 6.80
	1	6.81– 7.00
	1	8.41– 8.60
Total	11	
Roll turners' helper	1	1.21– 1.40
Rollers	2	1.41– 1.60
	3	2.21– 2.40
	1	2.81– 3.00
	3	3.41– 3.60
	1	3.81– 4.00
	3	4.21– 4.40
	1	4.41– 4.60
	5	4.81– 5.00
	2	5.01– 5.20
	1	5.21– 5.40
	2	5.41– 5.60
	1	6.01– 6.20
	3	6.21– 6.40
	3	6.61– 6.80
	2	6.81– 7.00
	2	7.01– 7.20
	3	7.21– 7.40
	1	7.41– 7.60
	3	7.61– 7.80
	3	7.81– 8.00
	1	8.41– 8.60
	1	8.61– 8.80
	1	8.81– 9.00
	1	9.41– 9.60
	1	9.61– 9.80
	1	10.21–10.40
	1	19.21–19.40
Total	52	
Roller and rougher-down	1	3.21– 3.40
Roller and weighman	1	$2.41–$2.60
Rollers' helpers	5	1.81– 2.00
	2	2.01– 2.20
	1	2.21– 2.40
	2	2.41– 2.60
	2	2.61– 2.80
	2	2.81– 3.00
Total	14	
Rollers' helpers and roughers.	2	2.41– 2.60
Roughers	2	1.41– 1.60
	10	1.81– 2.00
	2	2.01– 2.20
	19	2.21– 2.40
	6	2.61– 2.80
	6	2.81– 3.00
	9	3.21– 3.40
	8	3.41– 3.60
	3	3.81– 4.00
	5	4.01– 4.20
	1	4.21– 4.40
	2	4.41– 4.60
	1	5.01– 5.20
Total	74	
Rougher and rougher-down	1	1.81– 2.00
Roughers and stickers-in	2	1.81– 2.00
Roughers' helpers	2	1.41– 1.60
	4	1.61– 1.80
	1	1.81– 2.00
Total	7	
Roughers-down	2	2.41– 2.60
	2	2.81– 3.00
	2	3.01– 3.20
	2	3.41– 3.60
	6	3.61– 3.80
	5	3.81– 4.00
	1	4.41– 4.60
	1	4.61– 4.80
Total	21	
Roughers-down and straighteners.	2	2.81– 3.00
Roughers-up	2	1.81– 2.00
	5	2.41– 2.60
	2	2.61– 2.80
	3	2.81– 3.00
	5	3.01– 3.20
	8	3.21– 3.40
	3	3.61– 3.80
	1	4.21– 4.40
	1	4.81– 5.00
Total	30	
Rougher-up and straightener.	1	1.61– 1.80
Runner	1	2.41– 2.60
Sawyers	6	1.41– 1.60

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

G.—Mixed Iron and Steel: 9 ESTABLISHMENTS IN 6 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Scrap boys	2	$0.41–$0.60
	1	.61– .80
	11	.81– 1.00
Total	14	
Scrap pilers	1	.81– 1.00
	1	2.01– 2.20
Total	2	
Scrap piler and scrapper	1	2.01– 2.20
Scrap wheeler	1	1.41– 1.60
Scrapers	2	.61– .80
	3	.81– 1.00
	7	1.41– 1.60
Total	12	
Scrappers	1	3.01– 3.20
	1	3.61– 3.80
Total	2	
Scrapper and scrapper's helper.	1	1.81– 2.00
Scrappers' helpers	1	.81– 1.00
	3	1.41– 1.60
Total	4	
Shape hammerman	1	8.01– 8.20
Shape hammerman's helpers	1	1.81– 2.00
	1	2.21– 2.40
Total	2	
Shearmen	15	1.21– 1.40
	34	1.41– 1.60
	32	1.61– 1.80
	6	1.81– 2.00
	2	2.21– 2.40
	1	8.01– 8.20
Total	90	
Shearman and shearmen's helper.	1	1.41– 1.60
Shearmen's helpers	1	.81– 1.00
	6	1.41– 1.60
Total	7	
Sheet floormen	2	1.41– 1.60
Shippers	2	1.21– 1.40
	8	1.41– 1.60
	1	1.61– 1.80
	2	1.81– 2.00
	1	2.01– 2.20
	1	2.21– 2.40
	1	2.81– 3.00
	1	3.41– 3.60
Total	17	
Shippers' helper	1	$1.61–$1.80
Shove-unders	2	1.61– 1.80
Shovellers	5	1.21– 1.40
Slotters	1	1.21– 1.40
	1	1.41– 1.60
	1	1.61– 1.80
	1	2.21– 2.40
Total	4	
Squeezer	1	1.21– 1.40
Stablemen	4	1.21– 1.40
Stampers	2	.61– .80
	2	.81– 1.00
Total	4	
Stickers-in	13	1.21– 1.40
	2	1.61– 1.80
	1	1.81– 2.00
	1	2.21– 2.40
Total	17	
Stockers	1	.41– .60
	8	.81– 1.00
	13	1.21– 1.40
	15	1.41– 1.60
	4	1.61– 1.80
	2	1.81– 2.00
Total	43	
Stockers, boss	1	2.41– 2.60
	1	4.21– 4.40
Total	2	
Stokers	1	1.01– 1.20
	21	1.21– 1.40
	1	1.41– 1.60
Total	23	
Storekeeper	1	1.41– 1.60
Straighteners	10	.61– .80
	35	.81– 1.00
	2	1.01– 1.20
	25	1.21– 1.40
	23	1.41– 1.60
	17	1.61– 1.80
	2	1.81– 2.00
Total	114	
Straightener and water boy	1	1.61– 1.80
Swarf wheelers	3	.61– .80
Sweepers	1	.61– .80
	2	1.01– 1.20
	4	1.21– 1.40
	1	1.41– 1.60
Total	8	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

G.—Mixed Iron and Steel: 9 ESTABLISHMENTS IN 8 STATES—Concluded.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Switchmen	2	$1.61–$1.80
	1	1.81– 2.00
	4	2.41– 2.60
	2	2.61– 2.80
	3	2.81– 3.00
Total	12	
Teamsters	3	1.01– 1.20
	13	1.21– 1.40
	2	1.41– 1.60
Total	18	
Teamsters (with teams)	2	2.81– 3.00
Telegraphmen	1	1.21– 1.40
	1	1.41– 1.60
	7	1.61– 1.80
	2	1.81– 2.00
Total	11	
Timekeepers	1	1.81– 2.00
	3	2.41– 2.60
Total	4	
Timekeeper and yardmaster	1	2.21– 2.40
Trackmen	4	1.21– 1.40
	2	1.41– 1.60
Total	6	
Warehousemen	4	1.41– 1.60
	2	1.61– 1.80
Total	6	
Watchmen	1	1.01– 1.20
	1	1.21– 1.40
	7	1.41– 1.60
	4	1.61– 1.80
Watchmen—concluded	3	$1.81–$2.00
	1	2.21– 2.40
	1	2.41– 2.60
Total	18	
Water boys	1	.41– .60
	2	.61– .80
	8	1.21– 1.40
Total	11	
Water tenders	3	1.61– 1.80
	7	2.01– 2.20
Total	10	
Water gateman	1	.61– .80
Weighmasters	2	1.41– 1.60
	1	1.81– 2.00
Total	3	
Weighmen	2	.81– 1.00
	1	1.01– 1.20
	1	1.21– 1.40
	2	1.41– 1.60
	9	1.61– 1.80
	1	1.81– 2.00
Total	16	
Wheelman	1	1.41– 1.60
Yardmasters	1	1.61– 1.80
	1	2.61– 2.80
Total	2	
Yardmen	14	.61– .80
	2	.81– 1.00
Total	16	

H.—Bituminous Coal: 10 ESTABLISHMENTS IN 4 STATES.

Blacksmiths	1	$1.61–$1.80
	9	1.81– 2.00
	5	2.01– 2.20
	7	2.21– 2.40
	5	2.41– 2.60
Total	27	
Blacksmiths' helpers	11	.81– 1.00
	9	1.21– 1.40
	5	1.41– 1.60
	3	1.61– 1.80
Total	28	
Blacksmiths' helpers and haulers	2	1.01– 1.20
Blacksmiths' helper and pipe fitter	1	$1.81–$2.00
Blasters	1	1.21– 1.40
	1	1.41– 1.60
	7	1.81– 2.00
	2	2.01– 2.20
Total	11	
Blaster and driller	1	2.01– 2.20
Blasters and loaders	4	1.81– 2.00
Blaster and watchman	1	1.61– 1.80
Cagemen	3	1.61– 1.80
	5	1.81– 2.00
Total	8	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

H.—Bituminous Coal: 10 ESTABLISHMENTS IN 4 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Cagemen and driver	1	$1.81–$2.00
Cagemen and loaders	2	1.81– 2.00
Carpenters	2	.81– 1.00
	7	1.21– 1.40
	26	1.41– 1.60
	2	1.61– 1.80
	21	1.81– 2.00
	2	2.21– 2.40
	1	2.41– 2.60
	1	2.61– 2.80
	2	2.81– 3.00
	1	4.61– 4.80
Total	65	
Carpenter and dumper	1	1.41– 1.60
Carpenter and laborer	1	1.21– 1.40
Carpenters and miners	3	1.61– 1.80
Carpenter and rockman	1	2.01– 2.20
Carpenters' helper	1	1.41– 1.60
Civil engineers	3	1.41– 1.60
	1	1.61– 1.80
	1	1.81– 2.00
Total	5	
Cutters	8	2.21– 2.40
	4	2.41– 2.60
	1	2.61– 2.80
Total	13	
Cutters and cutters' helpers	3	2.01– 2.20
Cutters' helpers	13	1.61– 1.80
	2	1.81– 2.00
Total	15	
Cutters' helper and driver	1	1.41– 1.60
Cutters' helpers and loaders	4	1.81– 2.00
	1	2.01– 2.20
Total	5	
Drillers	8	1.21– 1.40
	1	1.81– 2.00
Total	9	
Driller and trapper	1	1.01– 1.20
Drivers	1	.81– 1.00
	1	1.01– 1.20
	4	1.21– 1.40
	10	1.41– 1.60
	7	1.61– 1.80
	113	1.81– 2.00
	2	2.21– 2.40
Total	138	
Driver, boss	1	2.21– 2.40
Driver and flagman	1	1.01– 1.20
Driver and hooker-on	1	1.21– 1.40
Drivers and loaders	2	1.41– 1.60
Driver and miner	1	$2.01–$2.20
Driver and slag hauler	1	1.41– 1.60
Driver and trapper	1	.61– .80
Dumpers	10	1.21– 1.40
	12	1.41– 1.60
	3	1.61– 1.80
Total	25	
Dumper, boss	1	2.21– 2.40
Dumper and loader	1	1.41– 1.60
Dumper and oiler	1	1.21– 1.40
Dumper and trimmer	1	1.61– 1.80
Engineers	1	1.21– 1.40
	1	1.41– 1.60
	6	1.81– 2.00
	3	2.01– 2.20
	1	2.41– 2.60
Total	12	
Engineers, hoisting	1	1.61– 1.80
	2	2.01– 2.20
	1	2.21– 2.40
Total	4	
Engineers and firemen	1	1.61– 1.80
	1	1.81– 2.00
Total	2	
Entrymen	1	.61– .80
	17	.81– 1.00
	12	1.21– 1.40
	12	1.41– 1.60
	14	1.81– 2.00
	2	2.21– 2.40
	1	2.61– 2.80
Total	59	
Entrymen and haulers	5	1.41– 1.60
Entrymen and miners	2	1.41– 1.60
	1	2.01– 2.20
Total	3	
Entryman and water boiler	1	.61– .80
Fanmen	4	1.41– 1.60
Fanman and weighman	1	1.61– 1.80
Fire bosses	1	1.81– 2.00
	1	2.01– 2.20
Total	2	
Firemen	1	1.41– 1.60
	2	1.61– 1.80
	1	1.81– 2.00
Total	4	
Fireman and watchman	1	1.41– 1.60
Foremen	2	3.01– 3.20
Foreman, haulers	1	2.21– 2.40

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

H.—Bituminous Coal: 10 ESTABLISHMENTS IN 4 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Foremen, laborers	3	$1.21–$1.40
	3	1.61– 1.80
	1	2.81– 3.00
Total	7	
Grader, track	1	1.41– 1.60
Greasers	2	.81– 1.00
Haulers	23	.41– .60
	7	.61– .80
	25	.81– 1.00
	9	1.01– 1.20
	23	1.21– 1.40
	27	1.41– 1.60
	10	1.61– 1.80
	25	1.81– 2.00
	3	2.21– 2.40
Total	152	
Haulers and laborers	1	.61– .80
	3	.81– 1.00
	5	1.21– 1.40
	1	1.41– 1.60
	1	1.81– 2.00
Total	11	
Haulers and miners	4	1.41– 1.60
	19	1.61– 1.80
	1	2.01– 2.20
	1	2.41– 2.60
Total	25	
Hauler and switchman	1	1.41– 1.60
Haulers and tracklayers	2	1.81– 2.00
	1	2.21– 2.40
Total	3	
Hauler and trammer	1	2.01– 2.20
Hauler and trimmer	1	1.41– 1.60
Hauler and water boiler	1	.41– .60
Hookers-on	2	.61– .80
	2	.81– 1.00
	1	1.21– 1.40
	1	1.41– 1.60
Total	6	
Hostler	1	1.41– 1.60
Laborers	1	.21– .40
	2	.41– .60
	12	.61– .80
	67	.81– 1.00
	12	1.01– 1.20
	99	1.21– 1.40
	45	1.41– 1.60
	13	1.61– 1.80
	37	1.81– 2.00
	1	2.21– 2.40
Total	289	
Lab rers, surface	4	$1.21–$1.40
	3	1.41– 1.60
	1	1.61– 1.80
Total	8	
Laborers, underground	3	1.61– 1.80
	9	1.81– 2.00
Total	12	
Laborer and loader	1	1.61– 1.80
Laborers and miners	3	1.21– 1.40
	5	1.41– 1.60
	5	1.61– 1.80
	5	1.81– 2.00
Total	18	
Laborer and tram-car repairer.	1	1.21– 1.40
Laborer and trammer	1	1.61– 1.80
Laborers and trappers	1	.41– .60
	2	.81– 1.00
Total	3	
Loaders	2	1.61– 1.80
	65	1.81– 2.00
Total	67	
Loader and teamster	1	1.61– 1.80
Loaders and timbermen	4	1.81– 2.00
Loader and trapper	1	1.21– 1.40
Loader and watchman	1	1.61– 1.80
Machinists	2	.81– 1.00
	1	1.81– 2.00
Total	3	
Masons	2	2.21– 2.40
	2	2.81– 3.00
Total	4	
Mechanic	1	2.41– 2.60
Mine bosses	2	1.81– 2.00
	1	2.21– 2.40
	1	2.61– 2.80
Total	4	
Miners	1	1.21– 1.40
	813	1.81– 2.00
	282	2.01– 2.20
Total	1096	
Miners and tracklayers	2	2.01– 2.20
Miners and trappers	2	1.61– 1.80
Miner and water hauler	1	1.81– 2.00
Office boys	2	.41– .60
Oilers	2	.81– 1.00
	1	1.01– 1.20
Total	3	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

H.—Bituminous Coal: 10 ESTABLISHMENTS IN 4 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Oiler and trapper	1	$0.81–$1.00
Pipe layer	1	1.81– 2.00
Pit bosses	2	1.61– 1.80
	1	2.21– 2.40
	2	2.41– 2.60
	1	2.81– 3.00
Total	6	
Policemen	3	.81– 1.00
Propman and weighman	1	1.81– 2.00
Pumpmen	2	.81– 1.00
	2	1.01– 1.20
	2	1.21– 1.40
	6	1.41– 1.60
Total	12	
Pumpman and trapper	1	.81– 1.00
Pushers	1	1.01– 1.20
	2	1.21– 1.40
Total	3	
Roadmen	9	1.41– 1.60
	1	1.61– 1.80
	7	1.81– 2.00
	1	2.01– 2.20
Total	18	
Rockmen	2	1.61– 1.80
	4	1.81– 2.00
Total	6	
Shifters	2	1.61– 1.80
Shovellers	5	1.41– 1.60
	10	1.61– 1.80
Total	15	
Slag haulers	4	1.21– 1.40
Slag hauler and trapper	1	.81– 1.00
Slag shovellers	2	1.21– 1.40
Slag shoveller and trapper	1	.81– 1.00
Slate picker	1	1.41– 1.60
Stable bosses	1	.81– 1.00
	1	1.61– 1.80
Total	2	
Teamsters	2	.61– .80
	16	.81– 1.00
	3	1.01– 1.20
	10	1.21– 1.40
	1	1.41– 1.60
	1	1.61– 1.80
	2	2.21– 2.40
Total	35	
Teamster and tram-road repairer	1	1.21– 1.40
Timbermen	6	1.81– 2.00
	3	2.01– 2.20
Total	9	
Tipplemen	1	$0.61–$0.80
	1	.81– 1.00
	1	1.21– 1.40
	17	1.41– 1.60
	1	1.81– 2.00
Total	21	
Tracklayers	1	1.61– 1.80
	7	1.81– 2.00
	5	2.01– 2.20
	3	2.21– 2.40
Total	16	
Tracklayer and trapper	1	1.41– 1.60
Trackmen	1	1.21– 1.40
	1	1.61– 1.80
	4	1.81– 2.00
	2	2.01– 2.20
Total	8	
Tram-road repairers	2	1.41– 1.60
	7	1.81– 2.00
	1	2.01– 2.20
Total	10	
Trammers	1	.41– .60
	7	.81– 1.00
	1	1.41– 1.60
Total	9	
Trappers	1	.21– .40
	28	.41– .60
	63	.61– .80
	3	.81– 1.00
Total	95	
Trimmers	1	.81– 1.00
	1	1.21– 1.40
	13	1.41– 1.60
	5	1.61– 1.80
Total	20	
Trimmer, boss	–	1.81– 2.00
Watchmen	1	1.21– 1.40
	2	1.61– 1.80
	1	1.81– 2.00
Total	4	
Water boilers	6	1.01– 1.20
Water boys	2	1.61– 1.80
Water haulers	4	1.41– 1.60
	2	1.61– 1.80
	1	1.81– 2.00
Total	7	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

H.—Bituminous Coal: 10 ESTABLISHMENTS IN 4 STATES—Concluded.

[This table has been derived from the tables on pages 236 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Weighmasters	1	$1.41–$1.60
	2	1.81– 2.00
	4	2.21– 2.40
Total	7	
Weighmen	1	$0.81–$1.00
	3	1.61– 1.80
	1	2.01– 2.20
Total	5	

J.—Coke: 6 ESTABLISHMENTS IN 4 STATES.

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Ashmen	3	$1.21–$1.40
	3	1.41– 1.60
Total	6	
Ashman and laborer	1	1.21– 1.40
Blacksmiths	1	1.81– 2.00
	1	2.21– 2.40
	1	2.61– 2.80
Total	3	
Blacksmiths' helpers	1	.81– 1.00
	1	1.21– 1.40
Total	2	
Car shifters	2	1.41– 1.60
Carpenters	1	1.61– 1.80
	1	2.21– 2.40
	1	2.41– 2.60
Total	3	
Cartmen	6	1.21– 1.40
	1	1.41– 1.60
Total	7	
Cartmen and drawers	2	1.41– 1.60
Chargers	16	.81– 1.00
	4	1.01– 1.20
	2	1.21– 1.40
	1	1.41– 1.60
	3	1.61– 1.80
	1	1.81– 2.00
Total	27	
Chargers and drawers	2	1.21– 1.40
Charger and watchman	1	1.61– 1.80
Cleaners, track	1	.41– .60
	1	.61– .80
	13	.81– 1.00
Total	15	
Coke bosses	1	1.21– 1.40
	1	2.41– 2.60
Total	2	
Drawers	18	1.01– 1.20
	128	1.21– 1.40
	137	1.41– 1.60
Drawers—concluded	137	$1.61–$1.80
	46	1.81– 2.00
	51	2.01– 2.20
	19	2.21– 2.40
	1	2.41– 2.60
	10	2.61– 2.80
Total	547	
Drawer and elevator tender	1	1.01– 1.20
Drawers and forkers	4	1.01– 1.20
	4	1.41– 1.60
Total	8	
Drawers and laborers	11	1.01– 1.20
	7	1.21– 1.40
	2	1.41– 1.60
	1	1.81– 2.00
Total	21	
Drawer and masons' helper	1	1.41– 1.60
Drivers	8	.81– 1.00
Dumpers	2	1.01– 1.20
	1	1.41– 1.60
Total	3	
Elevator tenders	2	.81– 1.00
	1	1.61– 1.80
Total	3	
Engineers	1	1.61– 1.80
	1	2.21– 2.40
Total	2	
Engineers, coal crusher	2	1.61– 1.80
Engineers, stationary	1	1.01– 1.20
	1	1.41– 1.60
	1	1.81– 2.00
Total	3	
Feeders, coal crusher	2	.81– 1.00
Foremen	1	1.81– 2.00
	1	2.01– 2.20
	2	2.41– 2.60
	1	2.81– 3.00
	1	3.21– 3.40
	1	3.81– 4.00
Total	7	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

J.—Coke: 6 ESTABLISHMENTS IN 4 STATES—Concluded.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Foremen, assistant	2	$1.41–$1.60
	3	2.21– 2.40
Total	5	
Forkers	29	.81– 1.00
	5	1.21– 1.40
	9	1.41– 1.60
	2	1.81– 2.00
Total	45	
Laborers	2	.41– .60
	2	.61– .80
	131	.81– 1.00
	16	1.01– 1.20
	89	1.21– 1.40
	2	1.41– 1.60
	1	1.61– 1.80
Total	243	
Laborer, track	1	.81– 1.00
Levellers	1	1.41– 1.60
	2	1.61– 1.80
	10	2.21– 2.40
	4	2.41– 2.60
Total	17	
Loaders	1	$0.61–$0.80
	2	.81– 1.00
	13	1.01– 1.20
	12	1.21– 1.40
Total	28	
Masons	1	2.41– 2.60
	9	2.61– 2.80
	2	3.41– 3.60
Total	12	
Masons' helpers	7	1.21– 1.40
Mortar man	1	.81– 1.00
Pumpmen	2	1.61– 1.80
Repairer, oven	1	1.41– 1.60
Teamsters	2	1.21– 1.40
Watchmen	1	.81– 1.00
	1	1.01– 1.20
	3	1.21– 1.40
	1	1.41– 1.60
Total	6	
Water boys	2	.21– .40
	2	.41– .60
	2	.61– .80
Total	6	

K.—Iron Ore: 16 ESTABLISHMENTS IN 8 STATES.

Bankmen	42	$1.21–$1.40
	2	1.61– 1.80
Total	44	
Blacksmiths	2	1.01– 1.20
	4	1.41– 1.60
	7	1.61– 1.80
	2	1.81– 2.00
	1	2.01– 2.20
	2	2.21– 2.40
	5	2.41– 2.60
Total	23	
Blacksmiths and blacksmiths' helpers.	1	1.41– 1.60
	3	1.61– 1.80
Total	4	
Blacksmith and laborer	1	1.41– 1.60
Blacksmith and truckman	1	1.01– 1.20
Blacksmiths' helpers	1	.81– 1.00
	3	1.21– 1.40
	2	1.41– 1.60
	4	1.61– 1.80
Total	10	
Brakemen	7	1.21– 1.40
	11	1.41– 1.60
	7	1.61– 1.80
Brakemen—concluded	1	$1.81–$2.00
Total	26	
Brakemen and laborers	2	1.61– 1.80
Bricklayers	5	2.81– 3.00
Cagemen	2	1.61– 1.80
Car leveller	1	1.21– 1.40
Carpenters	1	.81– 1.00
	6	1.21– 1.40
	5	1.41– 1.60
	4	1.61– 1.80
	19	1.81– 2.00
	4	2.01– 2.20
	1	2.21– 2.40
	1	2.41– 2.60
Total	41	
Carpenter and engineer	1	1.41– 1.60
Carpenter and laborer	1	1.81– 2.00
Carpenter and miner	1	2.01– 2.20
Clerks and weighmen	3	1.41– 1.60
	1	1.61– 1.80
	1	1.81– 2.00
Total	5	
Conductors	1	1.61– 1.80
	1	1.81– 2.00
Total	2	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

K.—Iron Ore: 16 ESTABLISHMENTS IN 8 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Drift cutters and miners	2	$2.01–$2.20
	1	2.41– 2.60
Total	3	
Drill boys	4	.41– .60
	3	.61– .80
	2	1.21– 1.40
Total	9	
Drill runner	1	2.21– 2.40
Drill sharpeners	4	1.61– 1.80
Drillers	1	1.41– 1.60
	19	1.61– 1.80
	2	1.81– 2.00
	1	3.41– 3.60
Total	23	
Drillers and miners	20	1.41– 1.60
	2	1.61– 1.80
Total	22	
Drillers' helpers	2	.81– 1.00
	14	1.21– 1.40
Total	16	
Drivers	10	.41– .60
	15	.61– .80
	30	.81– 1.00
	8	1.01– 1.20
	28	1.21– 1.40
	12	1.41– 1.60
	2	1.61– 1.80
Total	105	
Driver and laborer	1	1.01– 1.20
Drivers and miners	2	1.01– 1.20
	2	1.41– 1.60
Total	4	
Dry boys	2	.81– 1.00
Drymen	1	1.21– 1.40
	2	1.41– 1.60
Total	3	
Dumpers	1	1.21– 1.40
	10	1.41– 1.60
	1	1.61– 1.80
	13	1.81– 2.00
Total	25	
Dumpers and miners	3	1.41– 1.60
Dumper and miners' helper	1	1.81– 2.00
Dumping clerks	2	2.01– 2.20
Engineers	3	.81– 1.00
	4	1.01– 1.20
	5	1.21– 1.40
Engineers—concluded	11	$1.41–$1.60
	1	1.61– 1.80
	10	1.81– 2.00
	2	2.21– 2.40
	1	2.41– 2.60
Total	37	
Engineer, air compressor	1	1.61– 1.80
Engineer, locomotive	1	2.41– 2.60
Engineers, stationary	1	.81– 1.00
	2	1.41– 1.60
	1	1.61– 1.80
Total	4	
Engineers and laborers	1	1.41– 1.60
	1	1.61– 1.80
Total	2	
Engineers and machinists	4	2.41– 2.60
Engineers and miners	2	1.21– 1.40
	1	1.41– 1.60
Total	3	
Fillers	2	1.41– 1.60
	11	1.61– 1.80
	12	1.81– 2.00
Total	25	
Firemen	1	1.21– 1.40
	17	1.41– 1.60
	13	1.61– 1.80
	3	1.81– 2.00
	1	2.01– 2.20
Total	35	
Fireman, locomotive	1	1.41– 1.60
Fireman and lander	1	1.81– 2.00
Firemen and miners	1	1.21– 1.40
	3	1.41– 1.60
Total	4	
Fireman and pumpman	1	1.21– 1.40
Foremen	2	1.21– 1.40
	4	1.41– 1.60
	3	1.61– 1.80
	7	1.81– 2.00
	1	2.21– 2.40
Total	17	
Foremen, carpenters	1	2.41– 2.60
	1	2.61– 2.80
Total	2	
Foreman, engineers	1	2.41– 2.60
Foremen, miners	1	1.61– 1.80
	2	1.81– 2.00

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

K.—Iron Ore: 16 ESTABLISHMENTS IN 8 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Foremen, miners—concluded.	5	$2.01–$2.20
Total	8	
Foreman, track	1	1.21–1.40
Foremen and miners	1	1.21–1.40
	1	1.41–1.60
Total	2	
Laborers	1	.41–.60
	102	.81–1.00
	144	1.01–1.20
	116	1.21–1.40
	129	1.41–1.60
	41	1.61–1.80
	25	1.81–2.00
Total	558	
Laborer, machine shop	1	1.21–1.40
Laborers, surface	18	1.41–1.60
	10	1.61–1.80
Total	28	
Laborers, underground	83	1.61–1.80
Laborer and mason	1	2.41–2.60
Laborers and miners	34	1.21–1.40
	9	1.61–1.80
	1	1.81–2.00
Total	44	
Laborers and miners' helpers	2	1.61–1.80
Laborers and timbermen	1	1.01–1.20
	2	1.21–1.40
Total	3	
Laborers and trammers	1	1.21–1.40
	1	1.61–1.80
	1	2.01–2.20
Total	3	
Laborer and watchman	1	1.61–1.80
Landers	4	.81–1.00
	3	1.01–1.20
	8	1.41–1.60
	6	1.61–1.80
	4	1.81–2.00
Total	25	
Lander and miner	1	1.01–1.20
Loaders	1	.41–.60
	2	.61–.80
	4	.81–1.00
	22	1.21–1.40
	2	1.41–1.60
	7	1.61–1.80
	11	1.81–2.00
Total	49	
Machinists	2	$1.61–$1.80
	1	1.81–2.00
	1	2.21–2.40
	1	2.41–2.60
	1	3.21–3.40
Total	6	
Machinists' helper	1	1.21–1.40
Manager	1	2.41–2.60
Masons	2	1.81–2.00
	1	2.81–3.00
	2	3.01–3.20
	4	3.81–4.00
	1	4.81–5.00
Total	10	
Masons and painters	9	2.41–2.60
Mine bosses	1	1.01–1.20
	1	1.21–1.40
	1	1.61–1.80
	1	1.81–2.00
	2	2.21–2.40
	2	2.61–2.80
	1	3.41–3.60
	1	4.61–4.80
	1	5.21–5.40
Total	11	
Mine boss, assistant	1	1.21–1.40
Mine runner	1	2.01–2.20
Miners	4	.41–.60
	38	.61–.80
	166	.81–1.00
	194	1.01–1.20
	472	1.21–1.40
	182	1.41–1.60
	211	1.61–1.80
	175	1.81–2.00
	58	2.01–2.20
	75	2.21–2.40
	11	2.41–2.60
	1	2.81–3.00
	1	3.01–3.20
Total	1,588	
Miners and ore cleaners	1	.61–.80
	4	1.41–1.60
Total	5	
Miners and pit bosses	5	2.21–2.40
Miners and pumpmen	2	1.81–2.00
Miner and stableman	1	1.21–1.40
Miner and teamster	1	2.01–2.20
Miner and wagonmaker	1	1.41–1.60
Miner and watchman	1	1.21–1.40
Miner and weighman	1	1.01–1.20
Miners' helpers	1	.41–.60
	1	.61–.80
	1	1.41–1.60
	2	1.61–1.80

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

K.—Iron Ore: 16 ESTABLISHMENTS IN 8 STATES—Concluded.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Miners' helpers—concluded	31	$1.81–$2.00
Total	36	
Moulder	1	2.21– 2.40
Moulder's helper	1	1.01– 1.20
Nozzlemen	3	1.41– 1.60
Ore cleaners	3	.21– .40
	2	.41– .60
	9	1.41– 1.60
Total	14	
Ore raisers	7	1.21– 1.40
Ore sorters	5	1.21– 1.40
	3	1.41– 1.60
Total	8	
Ore sorter and pit boss	1	1.41– 1.60
Patternmaker	1	1.81– 2.00
Pipeman	1	1.61– 1.80
Pit bosses	6	1.41– 1.60
	1	1.61– 1.80
	11	2.21– 2.40
	2	2.41– 2.60
Total	20	
Pumpmen	4	1.21– 1.40
	3	1.61– 1.80
	6	1.81– 2.00
Total	13	
Ropemen	1	1.61– 1.80
	1	1.81– 2.00
Total	2	
Sievemen	4	1.21– 1.40
Slate picker	1	.61– .80
Stable boss	1	1.41– 1.60
Stable boys	1	.21– .40
	2	.61– .80
Total	3	
Stablemen	2	.61– .80
	1	.81– 1.00
	11	1.01– 1.20
	1	1.21– 1.40
Total	15	
Stone cutter and whitewasher	1	1.61– 1.80
Strikers	34	1.21– 1.40
Surface boss	1	1.81– 2.00
Teamsters	4	.81– 1.00
	1	1.81– 2.00
	2	2.41– 2.60
Total	7	
Teamsters (with teams)	4	2.81– 3.00
Timbermen	1	$1.01–$1.20
	10	1.21– 1.40
	4	1.41– 1.60
	31	1.81– 2.00
	1	2.01– 2.20
	2	2.21– 2.40
Total	49	
Timbermen, boss	1	1.81– 2.00
	1	2.61– 2.80
Total	2	
Timekeepers	2	2.01– 2.20
Tool boys	6	.41– .60
	3	.61– .80
	2	.81– 1.00
Total	11	
Trackmen	4	1.81– 2.00
Trammers	9	1.41– 1.60
	8	1.61– 1.80
	83	1.81– 2.00
	1	2.01– 2.20
Total	101	
Trimmers	21	1.81– 2.00
	4	2.01– 2.20
Total	25	
Truckmen	24	.81– 1.00
	36	1.01– 1.20
	1	1.41– 1.60
Total	61	
Wagonmakers	2	1.41– 1.60
Washermen	1	.81– 1.00
	2	1.01– 1.20
Total	3	
Watchmen	1	.81– 1.00
	2	1.01– 1.20
	2	1.41– 1.60
	2	1.61– 1.80
Total	7	
Water boys	2	.21– .40
	37	.41– .60
	8	.61– .80
	2	1.01– 1.20
Total	49	
Weighmen	1	1.01– 1.20
	2	1.41– 1.60
Total	3	
Whitewasher	1	2.21– 2.40

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

L.—Cotton and Woollen Goods: 64 ESTABLISHMENTS IN 20 STATES.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Back boys	2	Under $0.21
	92	$0.21– .40
	392	.41– .60
	115	.61– .80
	35	.81– 1.00
Total	636	
Back tenders	21	.21– .40
	9	.41– .60
	9	.61– .80
	1	.81– 1.00
Total	40	
Balers	7	.61– .80
	39	.81– 1.00
	11	1.01– 1.20
	9	1.21– 1.40
	4	1.41– 1.60
	6	1.61– 1.80
Total	76	
Band boys	11	.21– .40
	12	.41– .60
	7	.61– .80
	6	.81– 1.00
	1	1.01– 1.20
Total	37	
Band boy and roving carrier	1	.61– .80
Band fixers	3	Under .21
	2	.21– .40
	4	.41– .60
	3	.61– .80
	6	.81– 1.00
	12	1.01– 1.20
	3	1.21– 1.40
	2	1.41– 1.60
	1	1.61– 1.80
	1	1.81– 2.00
	1	2.01– 2.20
	1	2.21– 2.40
Total	39	
Beam hands	1	.41– .60
	1	.61– .80
	4	.81– 1.00
	3	1.01– 1.20
Total	9	
Beamers	6	.41– .60
	4	.61– .80
	2	.81– 1.00
	2	1.01– 1.20
	6	1.21– 1.40
	5	1.41– 1.60
	10	1.61– 1.80
	9	1.81– 2.00
	8	2.01– 2.20
	5	2.21– 2.40
	2	2.61– 2.80
Total	59	
Blacksmiths	1	$1.01–$1.20
	5	1.41– 1.60
	4	1.61– 1.80
	6	1.81– 2.00
	2	2.01– 2.20
Total	18	
Blacksmith and engineer	1	1.81– 2.00
Blacksmiths' helper	1	.61– .80
Bleacher	1	1.61– 1.80
Bobbin boys	2	Under .21
	42	.21– .40
	31	.41– .60
	18	.61– .80
	19	.81– 1.00
Total	112	
Boiler tenders	4	1.21– 1.40
Boxmaker	1	.81– 1.00
Bricklayers	1	.81– 1.00
	1	1.61– 1.80
	2	1.81– 2.00
	1	2.01– 2.20
	2	2.41– 2.60
	3	3.41– 3.60
	6	3.81– 4.00
Total	16	
Brushers	4	.21– .40
	8	.41– .60
	9	.61– .80
	8	.81– 1.00
	4	1.01– 1.20
	2	1.21– 1.40
Total	35	
Burlers	116	.41– .60
	185	.61– .80
	73	.81– 1.00
	1	1.21– 1.40
	36	1.41– 1.60
Total	411	
Call boys	1	.41– .60
	5	.81– 1.00
	3	1.01– 1.20
Total	9	
Card clothiers	1	1.21– 1.40
	4	1.41– 1.60
Total	5	
Card feeders	16	.61– .80
	19	.81– 1.00
Total	35	
Card feeders and piecers	2	.61– .80
Card grinders	4	.61– .80

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

L.—Cotton and Woollen Goods: 64 ESTABLISHMENTS IN 20 STATES—Cont'd.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Card grinders—concluded	30	$0.81–$1.00
	30	1.01– 1.20
	146	1.21– 1.40
	78	1.41– 1.60
	8	1.61– 1.80
Total	296	
Card grinders, head	1	1.41– 1.60
	1	1.81– 2.00
Total	2	
Card grinder and card stripper.	1	1.41– 1.60
Card strippers	25	.41– .60
	164	.61– .80
	226	.81– 1.00
	321	1.01– 1.20
	51	1.21– 1.40
	5	1.41– 1.60
Total	792	
Card stripper and drawing-frame tender.	1	.81– 1.00
Card strippers and picking-room hands.	2	.81– 1.00
Card stripper and watchman	1	.61– .80
Carders	1	.21– .40
	68	.41– .60
	150	.61– .80
	70	.81– 1.00
	17	1.01– 1.20
	16	1.21– 1.40
	10	1.41– 1.60
	1	2.81– 3.00
Total	333	
Carders' helpers	34	.41– .60
	18	.61– .80
	13	.81– 1.00
	1	1.21– 1.40
Total	66	
Carpenters	2	.61– .80
	6	.81– 1.00
	9	1.01– 1.20
	11	1.21– 1.40
	25	1.41– 1.60
	17	1.61– 1.80
	45	1.81– 2.00
	6	2.01– 2.20
	13	2.21– 2.40
	5	2.41– 2.60
	4	2.61– 2.80
	2	2.81– 3.00
	1	3.21– 3.40
	1	3.41– 3.60
Total	147	
Carpenters' apprentices	2	.61– .80
Carpenters' helpers	2	1.21– 1.40
Chainmakers	3	.61– .80
Chainmakers—concluded	3	$1.41–$1.60
	1	1.61– 1.80
Total	7	
Cleaners	10	.21– .40
	84	.41– .60
	25	.61– .80
	18	.81– 1.00
	4	1.01– 1.20
	4	1.21– 1.40
Total	145	
Cloth carriers	6	.41– .60
	7	.81– 1.00
	1	1.01– 1.20
Total	14	
Cloth inspectors	4	.41– .60
	36	.61– .80
	29	.81– 1.00
	27	1.01– 1.20
	9	1.21– 1.40
	3	1.41– 1.60
	3	1.61– 1.80
	3	1.81– 2.00
	2	2.01– 2.20
	1	2.41– 2.60
	1	2.61– 2.80
Total	118	
Cloth tackers	4	.21– .40
	7	.41– .60
	4	.61– .80
Total	15	
Cloth-room hands	4	.21– .40
	24	.41– .60
	39	.61– .80
	39	.81– 1.00
	6	1.01– 1.20
	6	1.21– 1.40
	2	1.41– 1.60
	1	1.61– 1.80
Total	121	
Coal wheelers	1	.81– 1.00
	4	1.01– 1.20
	22	1.21– 1.40
Total	27	
Combers	2	.41– .60
	20	.61– .80
	5	1.01– 1.20
	6	1.21– 1.40
	1	1.81– 2.00
Total	34	
Creelers	43	.21– .40
Designers	2	1.41– 1.60
	1	1.61– 1.80

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

L.—Cotton and Woollen Goods: 64 ESTABLISHMENTS IN 20 STATES—Cont'd.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Designers—concluded	3	$1.81–$2.00
	2	2.41– 2.60
	1	3.61– 3.80
	1	3.81– 4.00
	1	4.61– 4.80
Total	11	
Doffers	35	Under .21
	1,010	.21– .40
	639	.41– .60
	417	.61– .80
	95	.81– 1.00
	6	1.01– 1.20
	2	1.21– 1.40
Total	2,204	
Doffers, head	1	.41– .60
	8	.61– .80
	5	.81– 1.00
	1	1.21– 1.40
	2	1.41– 1.60
Total	17	
Doffer and elevator hand	1	.61– .80
Doffer and piecer	1	.41– .60
Doffer and repairer	1	.61– .80
Doffers and roving carriers	2	.41– .60
Drawers-in	22	.21– .40
	52	.41– .60
	68	.61– .80
	62	.81– 1.00
	54	1.01– 1.20
	15	1.21– 1.40
	18	1.41– 1.60
	9	1.61– 1.80
Total	300	
Drawing-frame tenders	47	.21– .40
	252	.41– .60
	425	.61– .80
	51	.81– 1.00
	7	1.01– 1.20
Total	782	
Drawing-frame tenders and railway hands.	6	.41– .60
Dressers	1	.81– 1.00
	3	1.21– 1.40
	24	1.41– 1.60
	21	1.61– 1.80
	9	1.81– 2.00
	3	2.01– 2.20
	4	2.21– 2.40
	3	2.41– 2.60
	1	2.61– 2.80
Total	69	
Dressing-room hands	1	Under .21
	3	.21– .40
	3	.41– .60
	4	.61– .80
Dressing-room hands—concluded.	47	$0.81–$1.00
	26	1.01– 1.20
	7	1.21– 1.40
	1	1.41– 1.60
Total	92	
Driers	11	.41– .60
	8	.61– .80
	5	.81– 1.00
	12	1.01– 1.20
	3	1.21– 1.40
	3	1.41– 1.60
Total	42	
Drivers	8	.61– .80
	1	.81– 1.00
	1	1.21– 1.40
Total	10	
Dyeing-room hands	2	.41– .60
	7	.61– .80
	46	.81– 1.00
	24	1.01– 1.20
	42	1.21– 1.40
	5	1.41– 1.60
Total	126	
Dyeing-room hand and watchman.	1	1.21– 1.40
Dyers	1	.41– .60
	5	.61– .80
	4	.81– 1.00
	111	1.01– 1.20
	37	1.21– 1.40
	23	1.41– 1.60
	2	1.61– 1.80
	2	1.81– 2.00
	1	2.61– 2.80
	1	3.21– 3.40
Total	187	
Electric-light tender	1	1.21– 1.40
Elevator hands	2	.21– .40
	8	.41– .60
	19	.61– .80
	24	.81– 1.00
	17	1.01– 1.20
	1	1.21– 1.40
Total	71	
Elevator hand and filling carrier.	1	.61– .80
Engineers	4	1.21– 1.40
	4	1.41– 1.60
	2	1.61– 1.80
	3	1.81– 2.00
	2	2.01– 2.20
	4	2.21– 2.40
	8	2.41– 2.60
	5	2.61– 2.80

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

L.—Cotton and Woollen Goods: 64 ESTABLISHMENTS IN 20 STATES—Cont'd.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Engineers—concluded	4	$2.81–$3.00
	3	3.01– 3.20
	1	3.41– 3.60
	2	3.81– 4.00
	2	4.01– 4.20
	3	4.81– 5.00
	1	5.41– 5.60
Total	48	
Engineers, assistant	2	1.61– 1.80
	1	2.01– 2.20
Total	3	
Engineer and fireman	1	1.81– 2.00
Engineer and machinist	1	3.41– 3.60
Engineers' helpers	1	1.01– 1.20
	11	1.41– 1.60
Total	12	
Filling carriers	25	.21– .40
	94	.41– .60
	86	.61– .80
	29	.81– 1.00
	26	1.01– 1.20
	7	1.21– 1.40
	3	1.41– 1.60
	1	1.61– 1.80
	1	1.81– 2.00
Total	272	
Finishers	1	.41– .60
	5	.61– .80
	19	.81– 1.00
	7	1.01– 1.20
	19	1.21– 1.40
	5	1.41– 1.60
	1	1.61– 1.80
	2	1.81– 2.00
Total	59	
Finishing-room hands	5	.41– .60
	3	.61– .80
	23	.81– 1.00
	9	1.01– 1.20
	1	1.21– 1.40
	2	1.41– 1.60
Total	43	
Firemen	2	.41– .60
	1	.61– .80
	7	.81– 1.00
	6	1.01– 1.20
	44	1.21– 1.40
	26	1.41– 1.60
	6	1.61– 1.80
	11	1.81– 2.00
	1	2.41– 2.60
Total	104	
Firemen, assistant	1	.41– .60
	6	.61– .80
Total	7	
Fireman and watchman	1	$1.61–$1.80
Folders	4	.41– .60
	5	.61– .80
	30	.81– 1.00
	10	1.01– 1.20
	6	1.21– 1.40
	8	1.41– 1.60
	1	1.61– 1.80
Total	64	
Folders and selectors	1	.61– .80
	18	.81– 1.00
Total	19	
Folder and sewing-machine hand.	1	.81– 1.00
Folder and stitcher	1	.81– 1.00
Folders' helper	1	.61– .80
Foremen, carpenters	1	1.41– 1.60
	1	2.41– 2.60
Total	2	
Foremen, laborers	1	.61– .80
	1	1.21– 1.40
	1	1.41– 1.60
	1	1.61– 1.80
Total	4	
Foreman, machinists	1	2.81– 3.00
Foreman, packers	1	1.61– 1.80
Foremen, repairers	1	2.41– 2.60
	1	2.61– 2.80
	1	2.81– 3.00
	1	3.01– 3.20
	1	4.81– 5.00
Total	5	
Foreman, watchmen	1	2.81– 3.00
Foremen, yard hands	1	1.41– 1.60
	1	1.61– 1.80
	1	2.21– 2.40
	1	2.81– 3.00
	1	3.21– 3.40
	1	3.81– 4.00
Total	6	
Frame fixer	1	1.21– 1.40
Fullers	8	.81– 1.00
	23	1.01– 1.20
	7	1.21– 1.40
	4	1.41– 1.60
	2	1.61– 1.80
	1	1.81– 2.00
	1	2.41– 2.60
	1	3.01– 3.20
Total	47	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

L.—Cotton and Woollen Goods: 64 ESTABLISHMENTS IN 20 STATES—Cont'd.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Gasman	1	$1.21–$1.40
Gatemen	1	.41– .60
	1	.81– 1.00
	1	1.41– 1.60
Total	3	
Giggers	1	.41– .60
	6	.61– .80
	36	.81– 1.00
	58	1.01– 1.20
	13	1.21– 1.40
	2	1.41– 1.60
	2	1.61– 1.80
	1	1.81– 2.00
	1	2.81– 3.00
Total	120	
Gill-box tenders	4	.41– .60
	14	.61– .80
	1	.81– 1.00
Total	19	
Handers-in	21	Under .21
	12	.21– .40
	43	.41– .60
	3	.61– .80
	1	1.01– 1.20
Total	80	
Hander-in and spinner	1	.21– .40
Harness hands	3	.21– .40
	2	.41– .60
	7	.61– .80
	11	.81– 1.00
	2	1.01– 1.20
	5	1.21– 1.40
	5	1.41– 1.60
Total	35	
Hostlers	1	.61– .80
	4	1.01– 1.20
	1	1.21– 1.40
Total	6	
Janitors	2	.21– .40
	3	.41– .60
Total	5	
Laborers	12	.21– .40
	159	.41– .60
	156	.61– .80
	154	.81– 1.00
	55	1.01– 1.20
	71	1.21– 1.40
	21	1.41– 1.60
	2	1.61– 1.80
	1	2.61– 2.80
Total	631	
Laborer and sweeper	1	$0.41–$0.60
Lap carriers	2	.41– .60
	2	.61– .80
	2	.81– 1.00
Total	6	
Loom fixers	6	.81– 1.00
	10	1.01– 1.20
	55	1.21– 1.40
	108	1.41– 1.60
	140	1.61– 1.80
	82	1.81– 2.00
	27	2.01– 2.20
	24	2.21– 2.40
	11	2.41– 2.60
	4	2.61– 2.80
	2	2.81– 3.00
	1	3.01– 3.20
Total	470	
Loom fixer and weaver	1	1.01– 1.20
Machinists	1	.61– .80
	1	.81– 1.00
	1	1.01– 1.20
	7	1.21– 1.40
	17	1.41– 1.60
	29	1.61– 1.80
	51	1.81– 2.00
	7	2.01– 2.20
	21	2.21– 2.40
	9	2.41– 2.60
	4	2.61– 2.80
	7	2.81– 3.00
Total	155	
Machinists' apprentices	1	.21– .40
	1	.41– .60
	2	.61– .80
Total	4	
Machinists' helpers	1	.61– .80
	2	.81– 1.00
	1	1.01– 1.20
	7	1.21– 1.40
	1	1.41– 1.60
	1	1.81– 2.00
Total	13	
Masons	5	1.01– 1.20
	4	1.21– 1.40
	2	1.61– 1.80
	3	1.81– 2.00
	4	2.21– 2.40
	3	2.41– 2.60
	1	2.61– 2.80
	4	3.21– 3.40
	1	3.41– 3.60
Total	27	
Master machinists	3	2.41– 2.60
	1	2.81– 3.00

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

L.—Cotton and Woollen Goods: 64 ESTABLISHMENTS IN 20 STATES—Cont'd.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Master machinists—concluded.	2	$3.01-$3.20
	2	3.21- 3.40
	3	3.41- 3.60
	2	3.81- 4.00
	2	4.21- 4.40
	1	4.81- 5.00
Total	16	
Master mechanic	1	5.61- 5.80
Measurers	1	.81- 1.00
	1	1.21- 1.40
	1	1.61- 1.80
	1	1.81- 2.00
Total	4	
Messengers	2	.21- .40
Oilman	1	1.41- 1.60
Oilers	18	.21- .40
	31	.41- .60
	88	.61- .80
	155	.81- 1.00
	24	1.01- 1.20
	12	1.21- 1.40
	5	1.41- 1.60
Total	333	
Overseers	5	1.81- 2.00
	2	2.21- 2.40
	3	2.61- 2.80
	6	2.81- 3.00
	1	3.81- 4.00
Total	17	
Overseers, assistant	1	1.01- 1.20
	1	1.61- 1.80
	2	1.81- 2.00
Total	4	
Overseers, carding department.	2	1.61- 1.80
	4	1.81- 2.00
	8	2.21- 2.40
	11	2.41- 2.60
	5	2.61- 2.80
	16	2.81- 3.00
	3	3.01- 3.20
	4	3.21- 3.40
	10	3.41- 3.60
	1	3.61- 3.80
	7	3.81- 4.00
	5	4.41- 4.60
	2	4.81- 5.00
	1	5.81- 6.00
Total	79	
Overseers, cloth room	1	.81- 1.00
	4	1.21- 1.40
	2	1.41- 1.60
	5	1.61- 1.80
	6	1.81- 2.00
	5	2.21- 2.40
	4	2.41- 2.60
Overseers, cloth room—concluded.	1	$2.61-$2.80
	4	2.81- 3.00
	1	3.01- 3.20
	1	3.81- 4.00
	1	4.81- 5.00
Total	35	
Overseers, dressing room	3	1.81- 2.00
	1	2.21- 2.40
	2	2.41- 2.60
	1	2.61- 2.80
	1	2.81- 3.00
	1	3.81- 4.00
Total	9	
Overseers, dyeing room	1	1.41- 1.60
	1	1.81- 2.00
	1	2.01- 2.20
	1	2.41- 2.60
	9	2.81- 3.00
	4	3.21- 3.40
	3	3.41- 3.60
	4	3.81- 4.00
	1	4.01- 4.20
	1	4.61- 4.80
	2	4.81- 5.00
	1	5.01- 5.20
	1	5.81- 6.00
Total	30	
Overseers, finishing department.	1	1.41- 1.60
	3	1.81- 2.00
	3	2.21- 2.40
	5	2.41- 2.60
	7	2.81- 3.00
	1	3.21- 3.40
	1	3.61- 3.80
	1	3.81- 4.00
	1	4.81- 5.00
Total	23	
Overseers, picking room	1	.81- 1.00
	2	1.21- 1.40
	2	1.41- 1.60
	1	1.61- 1.80
	1	1.81- 2.00
	1	2.61- 2.80
Total	8	
Overseers, sorting room	1	1.61- 1.80
	2	1.81- 2.00
	4	2.21- 2.40
	1	2.41- 2.60
	1	2.61- 2.80
	1	3.41- 3.60
	1	3.81- 4.00
Total	11	
Overseers, spinning department.	1	1.21- 1.40
	3	1.61- 1.80
	3	1.81- 2.00
	3	2.01- 2.20
	9	2.21- 2.40

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

E.—Cotton and Woollen Goods: 64 ESTABLISHMENTS IN 20 STATES—Cont'd.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Overseers, spinning department—concluded.	18	$2.41–$2.60
	5	2.61– 2.80
	16	2.81– 3.00
	1	3.01– 3.20
	4	3.21– 3.40
	15	3.41– 3.60
	2	3.61– 3.80
	5	3.81– 4.00
	1	4.01– 4.20
	3	4.41– 4.60
	1	4.81– 5.00
	1	6.41– 6.60
Total	90	
Overseers, spooling department.	1	.81– 1.00
	2	1.61– 1.80
	1	1.81– 2.00
	1	2.21– 2.40
	1	2.41– 2.60
	1	2.61– 2.80
	2	2.81– 3.00
	2	3.21– 3.40
	4	3.41– 3.60
Total	15	
Overseers, twisting department.	1	1.81– 2.00
	1	2.81– 3.00
Total	2	
Overseers, warping department.	1	2.01– 2.20
	1	3.21– 3.40
Total	2	
Overseers, weaving department.	2	1.41– 1.60
	4	2.21– 2.40
	13	2.41– 2.60
	5	2.61– 2.80
	20	2.81– 3.00
	2	3.01– 3.20
	8	3.21– 3.40
	6	3.41– 3.60
	2	3.61– 3.80
	3	3.81– 4.00
	1	4.21– 4.40
	4	4.41– 4.60
	5	4.81– 5.00
	1	6.21– 6.40
Total	76	
Overseer and picking-room hand.	1	2.61– 2.80
Overseers and second hands	1	2.41– 2.60
	2	2.61– 2.80
Total	3	
Packers	2	.41– .60
	3	.61– .80
	7	.81– 1.00
	4	1.01– 1.20
	2	1.21– 1.40
	4	1.41– 1.60
Packers—concluded	1	$1.61–$1.80
	1	2.21– 2.40
Total	24	
Painters	3	.81– 1.00
	1	1.01– 1.20
	31	1.21– 1.40
	5	1.41– 1.60
	2	1.61– 1.80
	5	1.81– 2.00
	1	2.01– 2.20
	1	2.41– 2.60
Total	49	
Patternmaker	1	1.61– 1.80
Pickers	6	.61– .80
	7	.81– 1.00
	4	1.21– 1.40
	1	1.41– 1.60
	1	1.61– 1.80
	2	2.61– 2.80
Total	21	
Picking-room hands	4	.21– .40
	38	.41– .60
	214	.61– .80
	199	.81– 1.00
	120	1.01– 1.20
	57	1.21– 1.40
	9	1.41– 1.60
	2	1.61– 1.80
Total	643	
Picking-room hand and watchman.	1	.81– 1.00
Piecers	10	.21– .40
	147	.41– .60
	25	.61– .80
	9	.81– 1.00
	1	1.41– 1.60
Total	192	
Pinning hands	3	1.01– 1.20
Pipers	1	1.21 1.40
	4	1.81– 2.00
Total	5	
Plumber	1	1.81– 2.00
Policemen	1	.41– .60
	1	1.41– 1.60
Total	2	
Press hands	1	.21– .40
	5	.41– .60
	12	.61– .80
	10	.81– 1.00
	5	1.01– 1.20

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

L.—Cotton and Woollen Goods: 64 ESTABLISHMENTS IN 20 STATES—Cont'd.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Press hands—concluded	14	$1.21–$1.40
	2	1.41– 1.60
Total	49	
Quillers	3	Under .21
	29	.21– .40
	12	.41– .60
	8	.61– .80
	23	.81– 1.00
	1	1.21– 1.40
Total	76	
Quillers and spoolers	18	.21– .40
	29	.41– .60
	12	.61– .80
Total	59	
Railway hands	51	.21– .40
	61	.41– .60
	61	.61– .80
	8	.81– 1.00
	2	1.01– 1.20
	2	1.21– 1.40
Total	185	
Reelers	2	Under .21
	10	.21– .40
	41	.41– .60
	54	.61– .80
	15	.81– 1.00
	2	1.01– 1.20
	12	1.21– 1.40
Total	136	
Repairers	3	.61– .80
	18	.81– 1.00
	6	1.01– 1.20
	23	1.21– 1.40
	16	1.41– 1.60
	16	1.61– 1.80
	11	1.81– 2.00
	5	2.21– 2.40
Total	98	
Roller coverers	1	.81– 1.00
	4	1.21– 1.40
	3	1.41– 1.60
	2	1.61– 1.80
	1	1.81– 2.00
	2	2.21– 2.40
	3	2.41– 2.60
	1	2.81– 3.00
Total	17	
Room girls	5	.61– .80
	113	.81– 1.00
	27	1.01– 1.20
	2	1.21– 1.40
Total	147	
Roving carriers	19	$0.21–$0.40
	49	.41– .60
	104	.61– .80
	62	.81– 1.00
	17	1.01– 1.20
	3	1.21– 1.40
	1	1.41– 1.60
Total	255	
Scourers	4	.61– .80
	12	.81– 1.00
	8	1.01– 1.20
	2	1.21– 1.40
	3	1.41– 1.60
	1	1.61– 1.80
	1	1.81– 2.00
	1	2.61– 2.80
Total	32	
Scrubbers	77	.41– .60
	44	.61– .80
	35	.81– 1.00
	11	1.01– 1.20
	4	1.21– 1.40
Total	171	
Second hands	2	.21– .40
	8	.61– .80
	21	.81– 1.00
	20	1.01– 1.20
	59	1.21– 1.40
	78	1.41– 1.60
	61	1.61– 1.80
	87	1.81– 2.00
	25	2.01– 2.20
	27	2.21– 2.40
	7	2.41– 2.60
	1	2.61– 2.80
	2	2.81– 3.00
Total	398	
Second hands and watchmen	1	1.01– 1.20
	1	1.61– 1.80
Total	2	
Selectors	1	.61– .80
	5	.81– 1.00
Total	6	
Sewers-in	5	.41– .60
	8	.61– .80
	39	.81– 1.00
	60	1.01– 1.20
	2	1.21– 1.40
Total	114	
Sewing-machine hands	7	.61– .80
	3	.81– 1.00
Total	10	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

L.—Cotton and Woollen Goods: 64 ESTABLISHMENTS IN 20 STATES—Cont'd.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Shafting hands	2	$0.81–$1.00
	1	1.21– 1.40
Total	3	
Shearers	2	.61– .80
	21	.81– 1.00
	11	1.01– 1.20
	6	1.21– 1.40
	3	1.41– 1.60
	1	1.61– 1.80
	1	1.81– 2.00
Total	45	
Shearer and watchman	1	1.21– 1.40
Shipping clerks	1	.61– .80
	1	1.41– 1.60
	1	1.61– 1.80
Total	3	
Slasher tenders	9	.61– .80
	12	.81– 1.00
	6	1.01– 1.20
	13	1.21– 1.40
	18	1.41– 1.60
	25	1.61– 1.80
	2	1.81– 2.00
	1	2.01– 2.20
	1	2.21– 2.40
Total	87	
Slasher tenders, head	1	.81– 1.00
	2	1.41– 1.60
	2	1.81– 2.00
	1	2.01– 2.20
	1	2.21– 2.40
Total	7	
Slasher tenders' helpers	3	.41– .60
	10	.61– .80
	6	.81– 1.00
	3	1.01– 1.20
	1	1.21– 1.40
Total	23	
Smash menders	2	1.01– 1.20
	2	1.21– 1.40
	4	1.41– 1.60
Total	8	
Sorters	2	.41– .60
	3	.61– .80
	8	.81– 1.00
	3	1.01– 1.20
	1	1.21– 1.40
	5	1.41– 1.60
	21	1.61– 1.80
	39	1.81– 2.00
	1	2.21– 2.40
	1	2.41– 2.60
	3	2.61– 2.80
Total	87	
Spare hands	1	$0.21–$0.40
	1	.41– .60
	2	.81– 1.00
Total	4	
Speckers	29	.41– .60
	47	.61– .80
	2	.81– 1.00
Total	78	
Speeders	6	.21– .40
	60	.41– .60
	168	.61– .80
	50	.81– 1.00
	70	1.01– 1.20
	11	1.21– 1.40
Total	365	
Speeders, coarse	1	Under .21
	7	.21– .40
	29	.41– .60
	35	.61– .80
	48	.81– 1.00
	48	1.01– 1.20
	18	1.21– 1.40
Total	186	
Speeders, fine	4	.21– .40
	18	.41– .60
	60	.61– .80
	69	.81– 1.00
	132	1.01– 1.20
	154	1.21– 1.40
	12	1.41– 1.60
	1	1.61– 1.80
Total	459	
Speeders, intermediate	22	.61– .80
	30	.81– 1.00
	56	1.01– 1.20
	42	1.21– 1.40
	12	1.41– 1.60
	4	1.61– 1.80
Total	166	
Speeders, jack	15	1.01– 1.20
Speeders' helpers	19	.41– .60
	1	.61– .80
Total	20	
Spinners	7	Under .21
	130	.21– .40
	312	.41– .60
	150	.61– .80
	87	.81– 1.00
	7	1.01– 1.20
	4	1.21– 1.40
	2	1.41– 1.60
	5	1.61– 1.80
	1	1.81– 2.00
	1	2.01– 2.20

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

L.—Cotton and Woollen Goods: 64 ESTABLISHMENTS IN 20 STATES—Cont'd.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Spinners—concluded	1	$2.21-$2.40
Total	707	
Spinners, frame	80	Under .21
	442	.21- .40
	655	.41- .60
	718	.61- .80
	332	.81- 1.00
	69	1.01- 1.20
	1	1.41- 1.60
Total	2,297	
Spinners, mule	1	.41- .60
	10	.61- .80
	12	.81- 1.00
	29	1.01- 1.20
	59	1.21- 1.40
	84	1.41- 1.60
	75	1.61- 1.80
	148	1.81- 2.00
	1	2.21- 2.40
	2	2.41- 2.60
Total	421	
Spinner and sweeper	1	.81- 1.00
Spoolers	14	Under .21
	113	.21- .40
	425	.41- .60
	486	.61- .80
	339	.81- 1.00
	23	1.01- 1.20
	1	1.21- 1.40
Total	1,401	
Spoolers and twisters	78	.41- .60
	3	.61- .80
	4	.81- 1.00
	1	1.41- 1.60
Total	86	
Springers	2	.81- 1.00
Stampers	4	.41- .60
	1	.61- .80
	2	.81- 1.00
	2	1.01- 1.20
	2	1.21- 1.40
	1	1.41- 1.60
	1	1.61- 1.80
Total	13	
Steam and water power hands	1	.81- 1.00
	1	1.01- 1.20
	3	1.21- 1.40
	2	1.61- 1.80
	1	2.81- 3.00
Total	8	
Stitchers	9	.41- .60
	33	.61- .80
	3	.81- 1.00
	6	1.01- 1.20
Stitchers—concluded	2	$1.21-$1.40
	1	1.61- 1.80
Total	54	
Sweepers	83	Under .21
	259	.21- .40
	396	.41- .60
	121	.61- .80
	20	.81- 1.00
	2	1.01- 1.20
	1	1.21- 1.40
Total	882	
Teamsters	6	.61- .80
	14	.81- 1.00
	2	1.01- 1.20
	16	1.21- 1.40
	11	1.41- 1.60
	4	1.61- 1.80
	1	2.41- 2.60
Total	54	
Teamster and watchman	1	1.21- 1.40
Tentering-machine hands	1	1.01- 1.20
	1	1.21- 1.40
Total	2	
Third hands	1	.41- .60
	10	.61- .80
	100	.81- 1.00
	44	1.01- 1.20
	54	1.21- 1.40
	137	1.41- 1.60
	19	1.61- 1.80
	12	1.81- 2.00
	1	2.01- 2.20
	1	2.21- 2.40
Total	379	
Timekeepers	2	.81- 1.00
	2	1.41- 1.60
Total	4	
Tinsmiths	1	1.01- 1.20
	1	1.21- 1.40
	2	1.61- 1.80
Total	4	
Trimmers	1	.41- .60
	11	.61- .80
	83	.81- 1.00
	4	1.01- 1.20
Total	99	
Tubers	36	.21- .40
	36	.41- .60
Total	72	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

L.—Cotton and Woollen Goods: 64 ESTABLISHMENTS IN 20 STATES—Cont'd.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Twisters	49	$0.21-$0.40
	55	.41- .60
	105	.61- .80
	26	.81- 1.00
	1	1.01- 1.20
	6	1.21- 1.40
	6	1.41- 1.60
	6	1.61- 1.80
	4	1.81- 2.00
	3	2.01- 2.20
Total	261	
Tying-in girls	7	.21- .40
	18	.41- .60
	45	.61- .80
Total	70	
Warpers	1	.21- .40
	40	.41- .60
	60	.61- .80
	67	.81- 1.00
	28	1.01- 1.20
	24	1.21- 1.40
	18	1.41- 1.60
	19	1.61- 1.80
	5	1.81- 2.00
	4	2.01- 2.20
	2	2.21- 2.40
	5	2.41- 2.60
	3	2.61- 2.80
Total	276	
Washers	1	.41- .60
	1	.61- .80
	5	.81- 1.00
	6	1.01- 1.20
	8	1.21- 1.40
	7	1.41- 1.60
	1	1.61- 1.80
	1	1.81- 2.00
Total	30	
Waste hands	1	.21- .40
	9	.41- .60
	2	.61- .80
	9	.81- 1.00
	20	1.01- 1.20
	6	1.21- 1.40
Total	47	
Waste pickers	1	.21- .40
	10	.41- .60
	5	.61- .80
	3	.81- 1.00
	1	1.01- 1.20
	3	1.21- 1.40
	2	1.41- 1.60
Total	25	
Watchmen	1	.41- .60
	3	.61- .80
	38	.81- 1.00
Watchmen—concluded	30	$1.01-$1.20
	62	1.21- 1.40
	33	1.41- 1.60
	14	1.61- 1.80
	3	1.81- 2.00
	2	2.41- 2.60
Total	186	
Water boys	6	.21- .40
	8	.41- .60
	1	.61- .80
Total	15	
Weavers	78	.21- .40
	280	.41- .60
	1,125	.61- .80
	2,054	.81- 1.00
	2,340	1.01- 1.20
	1,316	1.21- 1.40
	931	1.41- 1.60
	379	1.61- 1.80
	169	1.81- 2.00
	78	2.01- 2.20
	9	2.21- 2.40
	6	2.41- 2.60
Total	8,565	
Weavers, spare	11	.41- .60
	5	.61- .80
	42	.81- 1.00
	6	1.21- 1.40
	3	1.41- 1.60
Total	67	
Weavers' apprentices	1	.21- .40
	17	.41- .60
Total	18	
Weighers	4	.41- .60
	5	.61- .80
	1	1.41- 1.60
Total	10	
Wheelmen	1	.81- 1.00
	2	1.21- 1.40
	3	1.41- 1.60
Total	6	
Winders	16	.21- .40
	39	.41- .60
	52	.61- .80
	107	.81- 1.00
	11	1.01- 1.20
	3	1.21- 1.40
	1	1.61- 1.80
Total	229	
Wood turners	1	1.41- 1.60
	1	1.61- 1.80
Total	2	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

L.—Cotton and Woollen Goods: 64 ESTABLISHMENTS IN 20 STATES—Conc'd.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Yard hands	38	$0.61–$0.80
	145	.81– 1.00
	37	1.01– 1.20
	84	1.21– 1.40
	27	1.41– 1.60
	2	1.61– 1.80
	2	1.81– 2.00
	1	2.01– 2.20
	1	2.61– 2.80
Total	337	
Yarn bundlers	6	.41– .60
	1	.61– .80
	2	.81– 1.00
Total	9	
Yarn carriers	2	.81– 1.00
Yarn carriers—concluded	2	$1.01–$1.20
	2	1.41– 1.60
Total	6	
Yarn hands	12	.21– .40
	7	.41– .60
	9	.61– .80
	14	.81– 1.00
	5	1.01– 1.20
Total	47	
Yarn inspectors	2	.21– .40
	3	.41– .60
	15	.61– .80
	3	.81– 1.00
Total	23	

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Batch wheelers	1	$1.21–$1.40
	9	1.81– 2.00
	4	2.01– 2.20
	1	2.21– 2.40
	3	2.61– 2.80
Total	18	
Batch wheelers and fillers-in	1	1.81– 2.00
	2	2.01– 2.20
Total	3	
Blacksmiths	1	1.21– 1.40
	4	1.41– 1.60
	5	1.61– 1.80
	14	1.81– 2.00
	1	2.01– 2.20
	9	2.41– 2.60
	3	2.61– 2.80
	6	2.81– 3.00
	1	3.01– 3.20
	1	3.81– 4.00
	1	4.01– 4.20
Total	46	
Blacksmiths and engineers	1	1.81– 2.00
	1	2.01– 2.20
	1	4.81– 5.00
Total	3	
Blacksmiths' apprentice	1	.61– .80
Blacksmiths' helpers	1	.81– 1.00
	4	1.01– 1.20
	1	1.21– 1.40
	3	1.41– 1.60
Total	9	
Blowers	6	$2.21–$2.40
	15	2.41– 2.60
	52	2.61– 2.80
	22	2.81– 3.00
	58	3.01– 3.20
	48	3.21– 3.40
	127	3.41– 3.60
	75	3.61– 3.80
	122	3.81– 4.00
	82	4.01– 4.20
	74	4.21– 4.40
	132	4.41– 4.60
	79	4.61– 4.80
	95	4.81– 5.00
	58	5.01– 5.20
	38	5.21– 5.40
	37	5.41– 5.60
	47	5.61– 5.80
	28	5.81– 6.00
	29	6.01– 6.20
	11	6.21– 6.40
	10	6.41– 6.60
	10	6.61– 6.80
	10	6.81– 7.00
	5	7.01– 7.20
	8	7.21– 7.40
	7	7.41– 7.60
	6	7.61– 7.80
	8	7.81– 8.00
	2	8.01– 8.20
	2	8.21– 8.40
	1	8.41– 8.60
	5	8.61– 8.80
	2	8.81– 9.00
	4	9.01– 9.20
	4	9.21– 9.40
	4	9.41– 9.60
	3	9.61– 9.80
	3	9.81–10.00
	2	10.01–10.20
	4	10.21–10.40
	4	10.61–10.80

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

M.—Glass: 38 ESTABLISHMENTS IN 8 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Blowers—concluded	1	$10.81–$11.00
	1	12.01– 12.20
	1	12.61– 12.80
	1	13.21– 13.40
Total	1,343	
Blowers, boss	1	4.21– 4.40
	1	5.81– 6.00
	1	6.41– 6.60
	1	8.61– 8.80
	1	8.81– 9.00
	1	9.21– 9.40
	3	10.41– 10.60
	1	10.81– 11.00
	1	11.21– 11.40
	1	13.21– 13.40
Total	12	
Blowers and gatherers	1	2.41– 2.60
	1	3.01– 3.20
	3	3.21– 3.40
	1	3.81– 4.00
	1	4.41– 4.60
	1	5.61– 5.80
	1	6.01– 6.20
Total	9	
Blowers' apprentices	6	1.01– 1.20
	27	1.21– 1.40
	31	1.41– 1.60
	14	1.61– 1.80
	21	1.81– 2.00
	21	2.01– 2.20
	19	2.21– 2.40
	8	2.41– 2.60
	1	2.61– 2.80
	3	2.81– 3.00
	1	3.41– 3.60
Total	152	
Box nailers	2	.41– .60
	7	.61– .80
	1	1.21– 1.40
Total	10	
Boxmakers	2	.21– .40
	2	.41– .60
	1	.61– .80
	1	.81– 1.00
	2	1.81– 1.20
	4	1.21– 1.40
	3	1.41– 1.60
	2	1.81– 2.00
	1	2.21– 2.40
	1	2.41– 2.60
	1	2.81– 3.00
	1	3.01– 3.20
	1	3.61– 3.80
Total	22	
Boxmaker and packer	1	3.81– 4.00
Boxmakers' helpers	2	$0.41–$0.60
	3	.61– .80
	1	.81– 1.00
Total	6	
Bricklayers	1	3.41– 3.60
	1	5.41– 5.60
	1	5.81– 6.00
Total	3	
Call boys	2	Under .21
	1	.21– .40
Total	3	
Carpenters	3	1.21– 1.40
	1	1.41– 1.60
	4	1.61– 1.80
	1	1.81– 2.00
	1	2.21– 2.40
	4	2.41– 2.60
	1	3.01– 3.20
Total	15	
Carriers-in	25	.21– .40
	258	.41– .60
	306	.61– .80
	12	.81– 1.00
Total	601	
Carrier-in and gatherer	1	.81– 1.00
Carrier-in and layer-up	1	.61– .80
Carriers-in and snappers-up	6	.61– .80
Carriers-out	1	.61– .80
	2	.81– 1.00
	1	1.61– 1.80
	1	2.41– 2.60
Total	5	
Carriers-over	57	.21– .40
	15	.61– .80
	1	2.01– 2.20
Total	73	
Chippers	26	.61– .80
	2	.81– 1.00
Total	28	
Clay grinders	2	1.21– 1.40
Clay grinder and pot-shell picker.	1	1.61– 1.80
Clay trampers	8	1.21– 1.40
	16	1.41– 1.60
	3	1.61– 1.80
Total	27	
Clay tramper and laborer	1	1.41– 1.60
Cleaners-off	31	.41– .60

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

M.—Glass: 38 ESTABLISHMENTS IN 8 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Cleaners off—concluded	6	$1.21–$1.40
Total	37	
Coal wheelers	1	1.21– 1.40
	10	1.41– 1.60
	5	1.61– 1.80
	1	1.81– 2.00
	5	2.01– 2.20
	1	2.41– 2.60
Total	23	
Cooling boys	9	.41– .60
Cullet pickers	1	.61– .80
	2	1.41– 1.60
Total	3	
Cutters	1	2.61– 2.20
	4	3.21– 3.40
	5	3.61– 3.80
	9	3.81– 4.00
	8	4.01– 4.20
	2	4.21– 4.40
	10	4.41– 4.60
	11	4.61– 4.80
	15	4.81– 5.00
	7	5.01– 5.20
	5	5.21– 5.40
	11	5.41– 5.60
	2	5.61– 5.80
	4	5.81– 6.00
Total	94	
Cutters, boss	1	5.41– 5.60
	1	5.61– 5.80
	1	6.21– 6.40
	1	6.41– 6.60
	1	6.61– 6.80
	1	7.21– 7.40
	1	7.41– 7.60
	1	7.61– 7.80
	1	7.81– 8.00
	1	8.41– 8.60
	1	8.81– 9.00
	1	9.01– 9.20
Total	12	
Cutter and engraver	1	3.21– 3.40
Cutters' helper	1	1.61– 1.80
Cutters-off	6	1.21– 1.40
Demijohn coverer	1	4.21– 4.40
Dippers	2	1.41– 1.60
	2	1.81– 2.00
	1	2.01– 2.20
Total	5	
Engineers	1	1.01– 1.20
	6	1.41– 1.60
	5	1.61– 1.80
	4	1.81– 2.00
	1	2.21– 2.40
	2	2.41– 2.60
Engineers—concluded	1	$2.61–$2.80
	1	2.81– 3.00
Total	21	
Engineer, chief	1	2.81– 3.00
Engravers	2	2.81– 3.00
Engraver and grinder	1	2.81– 3.00
Filers	5	.41– .60
Fillers-in	1	2.21– 2.40
	1	2.41– 2.60
Total	2	
Fillers-in and teasers	4	1.61– 1.80
Finishers	101	.61– .80
	216	.81– 1.00
Total	317	
Finishers and gatherers	2	1.41– 1.60
Flatteners	1	3.61– 3.80
	3	4.01– 4.20
	2	4.21– 4.40
	1	4.81– 5.00
	6	5.01– 5.20
	6	5.21– 5.40
	2	5.41– 5.60
	5	5.61– 5.80
	1	5.81– 6.00
	5	6.01– 6.20
	2	6.41– 6.60
	6	6.61– 6.80
	8	6.81– 7.00
	2	7.01– 7.20
	6	7.41– 7.60
	1	7.61– 7.80
	4	8.41– 8.60
	1	10.21–10.40
Total	62	
Flatteners' apprentices	1	2.01– 2.20
	2	2.81– 3.00
	1	3.01– 3.20
Total	4	
Foremen	1	1.81– 2.00
	1	2.01– 2.20
	2	2.41– 2.60
	2	3.21– 3.40
	1	3.41– 3.60
	3	4.21– 4.40
	1	4.81– 5.00
Total	11	
Foremen, laborers	3	1.61– 1.80
Foremen, yard	1	1.61– 1.80
	1	2.81– 3.00
Total	2	
Furnacemen	1	1.41– 1.60
	1	1.81– 2.00

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

M.—Glass: 38 ESTABLISHMENTS IN 8 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Furnacemen—concluded	1	$2.01–$2.20
	3	2.21– 2.40
Total	6	
Gaffers	32	3.81– 4.00
Gatherers	7	.61– .80
	37	.81– 1.00
	30	1.01– 1.20
	82	1.21– 1.40
	48	1.41– 1.60
	154	1.61– 1.80
	69	1.81– 2.00
	135	2.01– 2.20
	19	2.21– 2.40
	13	2.41– 2.60
	36	2.61– 2.80
	36	2.81– 3.00
	53	3.01– 3.20
	26	3.21– 3.40
	43	3.41– 3.60
	47	3.61– 3.80
	20	3.81– 4.00
	17	4.01– 4.20
	14	4.21– 4.40
	27	4.41– 4.60
	10	4.61– 4.80
	12	4.81– 5.00
	5	5.01– 5.20
	5	5.21– 5.40
	10	5.41– 5.60
	7	5.61– 5.80
	6	5.81– 6.00
	5	6.01– 6.20
	3	6.21– 6.40
	1	6.41– 6.60
	1	6.61– 6.80
	1	8.01– 8.20
Total	979	
Gatherer, boss	1	7.41– 7.60
Grinders	1	1.41– 1.60
	1	2.01– 2.20
	1	2.21– 2.40
	1	2.81– 3.00
	1	3.61– 3.80
Total	5	
Grinders' helpers	1	.21– .40
	4	.61– .80
Total	5	
Inspectors	1	1.21– 1.40
	1	2.41– 2.60
Total	2	
Jar trimmer	1	2.81– 3.00
Knockers-off	18	.41– .60
	58	.61– .80
	8	.81– 1.00
Total	84	
Laborers	7	$0.41–$0.60
	12	.61– .80
	48	.81– 1.00
	36	1.01– 1.20
	233	1.21– 1.40
	297	1.41– 1.60
	30	1.61– 1.80
	20	1.81– 2.00
	2	2.01– 2.20
	3	2.21– 2.40
	2	2.41– 2.60
	1	2.61– 2.80
Total	691	
Laborer and layer-out	1	1.61– 1.80
Laborers and master teasers	2	2.01– 2.20
Laborers and mixers	1	1.41– 1.60
	1	2.01– 2.20
Total	2	
Laborer and mixers' helper	1	1.41– 1.60
Laborer and pot-shell picker	1	1.81– 2.00
Laborers and teasers	3	1.61– 1.80
Layers-in	7	1.41– 1.60
	5	1.61– 1.80
	2	1.81– 2.00
	4	2.01– 2.20
	2	2.21– 2.40
	5	2.41– 2.60
Total	25	
Layers-in and layers-out	4	1.81– 2.00
	2	2.61– 2.80
Total	6	
Layers-out	1	1.61– 1.80
	3	1.81– 2.00
	12	2.01– 2.20
	4	2.21– 2.40
Total	20	
Layers-up	1	.41– .60
	2	.61– .80
	32	.81– 1.00
	8	1.01– 1.20
	7	1.21– 1.40
	28	1.41– 1.60
	2	1.61– 1.80
	1	1.81– 2.00
Total	81	
Lead burners	2	2.41– 2.60
Leersmen	1	.81– 1.00
	7	1.01– 1.20
	8	1.21– 1.40
	12	1.41– 1.60
	14	1.61– 1.80
	21	1.81– 2.00
	8	2.01– 2.20

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

M.—Glass: 38 ESTABLISHMENTS IN 8 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Leersmen—concluded	2	$2.41-$2.60
	1	2.81- 3.00
Total	74	
Leersmen and takers-off	2	2.01- 2.20
Leersman and watchman	1	1.61- 1.80
Leersmen's helpers	4	.41- .60
	4	.81- 1.00
	1	1.21- 1.40
Total	9	
Machinists	1	2.21- 2.40
	1	2.41- 2.60
	1	2.81- 3.00
Total	3	
Masons	3	2.21- 2.40
	3	2.41- 2.60
	2	3.41- 3.60
	1	3.81- 4.00
	3	4.41- 4.60
Total	12	
Masons' helpers	1	1.41- 1.60
	1	1.81- 2.00
Total	2	
Master teasers	3	2.21- 2.40
	3	2.41- 2.60
	3	2.61- 2.80
	1	2.81- 3.00
	5	3.01- 3.20
	3	3.21- 3.40
	3	3.41- 3.60
	2	3.61- 3.80
	5	3.81- 4.00
	2	4.01- 4.20
	2	4.21- 4.40
	3	4.41- 4.60
	5	4.61- 4.80
	2	4.81- 5.00
	1	5.61- 5.80
	1	5.81- 6.00
Total	44	
Mixers	10	1.21- 1.40
	19	1.41- 1.60
	24	1.61- 1.80
	8	1.81- 2.00
	4	2.01- 2.20
	8	2.21- 2.40
	2	2.41- 2.60
	4	2.61- 2.80
	1	3.21- 3.40
Total	80	
Mixer and teaser	1	1.61- 1.80
Mixers' helpers	1	1.01- 1.20
	4	1.41- 1.60
	3	1.61- 1.80
Mixers' helpers—concluded	1	$1.81-$2.00
	1	2.21- 2.40
Total	10	
Mixers' helper and teaser	1	2.01- 2.20
Mould boys	125	.41- .60
	25	.61- .80
	17	.81- 1.00
	1	1.01- 1.20
Total	168	
Mould cleaners	1	.81- 1.00
	3	1.41- 1.60
	1	1.81- 2.00
Total	5	
Mould holders	4	.81- 1.00
Mouldmakers	2	2.81- 3.00
Mouldmakers' helper	1	.81- 1.00
Mouldmen	4	1.41- 1.60
	1	1.61- 1.80
Total	5	
Packers	6	.61- .80
	3	.81- 1.00
	6	1.01- 1.20
	12	1.21- 1.40
	39	1.41- 1.60
	31	1.61- 1.80
	29	1.81- 2.00
	3	2.01- 2.20
	4	2.21- 2.40
	4	2.41- 2.60
	4	2.61- 2.80
	2	2.81- 3.00
	3	3.01- 3.20
	1	3.41- 3.60
	1	3.61- 3.80
	1	5.61- 5.80
Total	149	
Packers, boss	1	1.41- 1.60
	1	1.61- 1.80
	1	2.21- 2.40
	1	2.61- 2.80
	2	2.81- 3.00
	3	3.61- 3.80
	1	4.81- 5.00
Total	10	
Potmakers	1	1.61- 1.80
	1	1.81- 2.00
	1	2.01- 2.20
	1	2.21- 2.40
	4	2.41- 2.60
	1	2.81- 3.00
	2	3.01- 3.20
	2	3.21- 3.40
	2	3.61- 3.80
	3	3.81- 4.00
Total	18	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Continued.

M.—Glass: 38 ESTABLISHMENTS IN 8 STATES—Continued.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Potmakers' helpers	1	$1.21–$1.40
	8	1.41– 1.60
	9	1.61– 1.80
	1	2.01– 2.20
	1	2.21– 2.40
	1	2.81– 3.00
Total	21	
Pot-shell pickers	5	1.21– 1.40
	3	1.41– 1.60
	2	2.61– 2.80
Total	10	
Pressmen	6	2.01– 2.20
	5	2.21– 2.40
	2	2.41– 2.60
Total	13	
Pressmen's apprentices	3	1.41– 1.60
	5	1.61– 1.80
Total	8	
Ring boys	3	.61– .80
Roller boys	2	.61– .80
	10	.81– 1.00
	8	1.01– 1.20
	4	1.21– 1.40
	2	1.41– 1.60
	5	1.61– 1.80
Total	31	
Roller boys and roller carriers.	2	1.61– 1.80
Roller carriers	3	.61– .80
	8	.81– 1.00
	17	1.01– 1.20
	3	1.21– 1.40
	1	1.41– 1.60
Total	32	
Roughers	2	3.81– 4.00
Sandburners	3	1.21– 1.40
	1	1.41– 1.60
	1	1.61– 1.80
	1	2.01– 2.20
Total	6	
Screwmakers	29	.61– .80
Shipper	1	2.21– 2.40
Shipper's helper	1	1.21– 1.40
Shipping clerks	2	1.21– 1.40
	1	1.41– 1.60
	2	1.61– 1.80
	3	1.81– 2.00
	1	2.81– 3.00
Total	9	
Shovers-in	8	$0.81–$1.00
Snappers	8	.41– .60
	105	.61– .80
	43	.81– 1.00
	9	1.01– 1.20
	6	1.21– 1.40
	3	1.41– 1.60
	7	1.61– 1.80
	12	1.81– 2.00
	2	2.01– 2.20
	2	2.21– 2.40
Total	197	
Snappers-up	31	.21– .40
	411	.41– .60
	4	.61– .80
	2	.81– 1.00
	4	1.01– 1.20
Total	452	
Sorters	3	.41– .60
	1	.61– .80
	1	1.61– 1.80
	1	1.81– 2.00
	1	2.01– 2.20
	1	2.21– 2.40
	1	2.41– 2.60
Total	9	
Sorters' helpers	14	.41– .60
	4	.61– .80
	3	.81– 1.00
	4	1.01– 1.20
	4	1.41– 1.60
Total	29	
Stickers-up	45	.81– 1.00
	1	1.61– 1.80
Total	46	
Stopper adjusters	1	1.81– 2.00
	1	2.61– 2.80
Total	2	
Takers-off	4	.41– .60
	3	1.01– 1.20
	3	1.21– 1.40
	1	1.41– 1.60
	2	1.61– 1.80
Total	13	
Teamsters	6	1.21– 1.40
	9	1.41– 1.60
	14	1.61– 1.80
	17	1.81– 2.00
	2	2.01– 2.20
	1	2.41– 2.60
	1	2.81– 3.00
Total	50	

TABLE XV.—NUMBER OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY OCCUPATIONS AND GROUPS OF RATES—Concluded.

M.—Glass: 38 ESTABLISHMENTS IN 8 STATES—Concluded.

[This table has been derived from the tables on pages 296 to 470 of the Sixth Annual Report and 378 to 612 of this book. Piece workers whose time could not be ascertained have been excluded.]

Occupation.	Number of employés.	Groups of actual daily earnings or daily rate nearest to average daily earnings.
Teasers	4	$1.01–$1.20
	17	1.21– 1.40
	26	1.41– 1.60
	25	1.61– 1.80
	41	1.81– 2.00
	17	2.01– 2.20
	15	2.21– 2.40
	4	2.41– 2.60
	2	2.61– 2.80
	1	2.81– 3.00
Total	152	
Teasers' helpers	3	.41– .60
Ware hands	1	.81– 1.00
	2	1.01– 1.20
	5	1.21– 1.40
	12	1.41– 1.60
	2	1.61– 1.80
	7	1.81– 2.00
	1	2.01– 2.20
	1	2.41– 2.60
	1	2.81– 3.00
Total	32	
Warehousemen	1	1.41– 1.60
	2	2.01– 2.20
Total	3	
Washers	19	.41– .60
	6	.61– .80
Washers—concluded	4	$0.81–$1.00
	1	1.01– 1.20
Total	30	
Watchmen	1	.81– 1.00
	1	1.01– 1.20
	9	1.21– 1.40
	17	1.41– 1.60
	4	1.61– 1.80
	4	1.81– 2.00
	3	2.01– 2.20
Total	39	
Water boys	5	.41– .60
	1	.61– .80
Total	6	
Wirers	2	1.81– 2.00
	2	2.41– 2.60
Total	4	
Wrappers	19	.41– .60
	9	.61– .80
	4	.81– 1.00
	1	1.01– 1.20
	1	1.21– 1.40
Total	34	
Wrapper, boss	1	1.21– 1.40

TABLE XVI.—NUMBER AND PER CENT. OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY GROUPS OF RATES.

[Piece workers whose time could not be ascertained have been excluded.]

Groups of actual daily earnings or daily rate nearest to average daily earnings.	Pig iron.		Muck bar iron.		Finished bar iron.		Steel ingots.		Steel billets.		Steel blooms.	
	Number of employés.	Per cent. of all employés.	Number of employés.	Per cent. of all employés.	Number of employés.	Per cent. of all employés.	Number of employés.	Per cent. of all employés.	Number of employés.	Per cent. of all employés.	Number of employés.	Per cent. of all employés.
Under $0.21												
$0.21– .40	3	0.06			3	1.64						
.41– .60	38	0.73	1	0.11			8	0.53	3	0.75	3	0.46
.61– .80	26	0.50	7	0.72	14	7.65	15	1.00	23	5.77		
.81– 1.00	708	13.66	56	5.76	4	2.18	4	0.27	5	1.25	12	1.86
1.01– 1.20	1,200	23.15	32	3.29	28	15.30	14	0.93			1	0.16
1.21– 1.40	1,286	24.81	220	22.64	43	23.50	403	26.78	53	13.28	117	18.08
1.41– 1.60	1,006	19.41	106	10.91	15	8.20	329	22.52	50	12.53	195	30.14
1.61– 1.80	379	7.31	53	5.45	6	3.28	156	10.37	28	7.02	63	9.74
1.81– 2.00	222	4.28	67	6.89	6	3.28	133	8.84	57	14.29	87	13.45
2.01– 2.20	56	1.08	115	11.83	1	0.55	69	4.58	58	14.54	12	1.86
2.21– 2.40	64	1.23	14	1.44	5	2.73	59	3.92	53	13.28	26	4.02
2.41– 2.60	55	1.06	25	2.57	8	4.37	44	2.92	24	6.02	8	1.24
2.61– 2.80	23	0.44	13	1.34	2	1.09	38	2.52	11	2.76	27	4.17
2.81– 3.00	43	0.83	17	1.75	8	4.37	30	1.99	12	3.01	20	3.09
3.01– 3.20	19	0.37	42	4.32	3	1.64	38	2.52	7	1.75	7	1.08
3.21– 3.40	11	0.21	119	12.24			21	1.40	3	0.75	4	0.62
3.41– 3.60	7	0.13	3	0.31	8	4.37	38	2.52	6	1.50	6	0.93
3.61– 3.80	1	0.02	32	3.29	10	5.46	15	1.00	1	0.25	16	2.47
3.81– 4.00	23	0.44	13	1.34	5	2.73	23	1.53	3	0.75	9	1.39
4.01– 4.20	2	0.04	7	0.72			5	0.33			7	1.08
4.21– 4.40	1	0.02	3	0.31			5	0.33			11	1.70
4.41– 4.60	2	0.04	7	0.72			10	0.66			1	0.16
4.61– 4.80	1	0.02	6	0.62	2	1.09	2	0.13			1	0.15
4.81– 5.00	3	0.06	7	0.72	1	0.55	5	0.33			1	0.15
5.01– 5.20			1	0.10	3	1.64	7	0.47	1	0.25	2	0.31
5.21– 5.40	4	0.08			1	0.55	13	0.86	1	0.25	6	0.93
5.41– 5.60			1	0.10								
5.61– 5.80					1	0.55	1	0.07			1	0.15
5.81– 6.00			1	0.10	1	0.55	1	0.07				
6.01– 6.20			1	0.10			1	0.07				
6.21– 6.40			1	0.10								
6.41– 6.60							5	0.33				
6.61– 6.80	1	0.02					1	0.07				
6.81– 7.00							1	0.07				
7.01– 7.20			2	0.21	2	1.09					1	0.15
7.21– 7.40											1	0.15
7.41– 7.60												
7.61– 7.80											2	0.31
7.81– 8.00												
8.01– 8.20												
8.21– 8.40							1	0.07				
8.41– 8.60												
8.61– 8.80												
8.81– 9.00												
9.01– 9.20												
9.21– 9.40												
9.41– 9.60												
9.61– 9.80												
9.81– 10.00												
10.01– 10.20												
10.21– 10.40												
10.41– 10.60												
10.61– 10.80					2	1.09						
10.81– 11.00												
11.21– 11.40												
12.01– 12.20												
12.61– 12.80												
13.21– 13.40												
17.81– 18.00					1	0.55						
19.21– 19.40												
Total ...	5,184	100.00	972	100.00	183	100.00	1,505	100.00	399	100.00	647	100.00

TABLE XVI.—NUMBER AND PER CENT. OF EMPLOYÉS IN VARIOUS INDUSTRIES IN THE UNITED STATES BY GROUPS OF RATES.

[Piece workers whose time could not be ascertained have been excluded.]

Mixed iron and steel.		Bituminous coal.		Coke.		Iron ore.		Cotton and wool.		Glass.	
Number of employés.	Per cent. of all employés.	Number of employés.	Per cent. of all employés.	Number of employés.	Per cent. of all employés.	Number of employés.	Per cent. of all employés.	Number of employés.	Per cent. of all employés.	Number of employés.	Per cent. of all employés.
								254	0.80	2	0.03
		2	0.08	2	0.19	6	0.17	2,710	8.56	117	1.71
47	0.89	58	2.27	5	0.47	66	1.89	5,222	16.50	950	13.85
191	3.62	91	3.55	6	0.57	76	2.18	6,175	19.51	750	10.93
331	6.28	175	6.84	207	19.58	349	10.01	5,873	18.55	521	7.60
581	11.02	39	1.52	71	6.72	419	12.02	4,068	12.85	156	2.27
1,715	32.52	221	8.63	269	25.45	837	24.00	2,826	8.93	482	7.03
675	12.80	241	9.41	171	16.18	509	14.60	1,951	6.16	640	9.33
481	9.12	140	5.47	151	14.29	486	13.94	969	3.06	400	5.83
309	5.86	1,202	46.95	53	5.01	479	13.74	772	2.44	308	4.49
203	3.85	320	12.50	52	4.92	85	2.44	180	0.57	252	3.67
133	2.52	43	1.68	35	3.31	105	3.01	166	0.53	109	1.59
96	1.82	15	0.59	10	0.95	42	1.20	136	0.43	98	1.43
44	0.83	4	0.16	20	1.89	4	0.11	62	0.20	116	1.69
53	1.00	6	0.23	1	0.10	11	0.31	108	0.34	93	1.36
25	0.47	2	0.08			3	0.09	15	0.05	126	1.84
148	2.81			1	0.09	1	0.03	33	0.10	90	1.31
38	0.72			2	0.19	2	0.06	49	0.16	179	2.61
21	0.40							7	0.02	138	2.01
36	0.68			1	0.09	4	0.11	36	0.11	197	2.87
20	0.38							4	0.01	113	1.65
13	0.25							3	0.01	99	1.44
16	0.30							12	0.04	176	2.57
11	0.21	1	0.04			1	0.03	2	0.01	105	1.53
16	0.30					1	0.03	17	0.05	128	1.87
4	0.08							1	0.00	76	1.11
2	0.04					1	0.03			54	0.79
4	0.08							1	0.00	62	0.90
3	0.06							1	0.00	65	0.95
3	0.06							2	0.01	42	0.61
7	0.13									40	0.58
3	0.06							1	0.00	15	0.22
2	0.04							1	0.00	15	0.22
5	0.09									18	0.26
5	0.09									18	0.26
9	0.17									7	0.10
4	0.08									9	0.13
1	0.02									15	0.22
4	0.08									8	0.12
4	0.07									9	0.13
2	0.04									3	0.04
										2	0.03
2	0.04									6	0.09
1	0.02									6	0.09
1	0.02									4	0.06
										5	0.07
										5	0.07
1	0.02									4	0.06
1	0.02									3	0.04
										3	0.04
										2	0.03
1	0.02									5	0.07
										3	0.03
										4	0.06
										2	0.03
										1	0.02
										1	0.02
										1	0.01
										2	0.03
1	0.02										
5,273	100.00	2,560	100.00	1,057	100.00	3,487	100.00	31,657	100.00	6,860	100.00

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